

**September 18, 2017**

**Ordered to be printed as passed**

***In the Senate of the United States,***

*September 18, 2017.*

*Resolved*, That the bill from the House of Representatives (H.R. 2810) entitled “An Act to authorize appropriations for fiscal year 2018 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.”, do pass with the following

**AMENDMENT:**

Strike all after the enacting clause and insert the following:

1 ***SECTION 1. SHORT TITLE.***

2 *This Act may be cited as the “National Defense Au-*  
3 *thorization Act for Fiscal Year 2018”.*

1 **SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF**  
 2 **CONTENTS.**

3 (a) *DIVISIONS.*—*This Act is organized into six divi-*  
 4 *sions as follows:*

5 (1) *Division A—Department of Defense Author-*  
 6 *izations.*

7 (2) *Division B—Military Construction Author-*  
 8 *izations.*

9 (3) *Division C—Department of Energy National*  
 10 *Security Authorizations and Other Authorizations.*

11 (4) *Division D—Funding Tables.*

12 (5) *Division E—Additional Provisions.*

13 (6) *Division F—Further Additional Provisions.*

14 (b) *TABLE OF CONTENTS.*—*The table of contents for*  
 15 *this Act is as follows:*

*Sec. 1. Short title.*

*Sec. 2. Organization of Act into divisions; table of contents.*

*Sec. 3. Congressional defense committees.*

*Sec. 4. Budgetary effects of this Act.*

*DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS*

*TITLE I—PROCUREMENT*

*Subtitle A—Authorization of Appropriations*

*Sec. 101. Authorization of appropriations.*

*Subtitle B—Army Programs*

*Sec. 111. Transfer of excess High Mobility Multipurpose Wheeled Vehicles to for-*  
*ign countries.*

*Sec. 112. Limitation on availability of funds for Army Air-Land Mobile Tactical*  
*Communications and Data Network, including Warfighter Infor-*  
*mation Network-Tactical (WIN-T).*

*Subtitle C—Navy Programs*

*Sec. 121. Multiyear procurement authority for Virginia class submarine program.*

*Sec. 122. Arleigh Burke class destroyers.*

- Sec. 123. Multiyear procurement authority for V-22 joint aircraft program.*
- Sec. 124. Design and construction of amphibious ship replacement designated LX(R) or amphibious transport dock designated LPD-30.*
- Sec. 125. Modification of cost limitation baseline for CVN-78 class aircraft carrier program.*
- Sec. 126. Extension of limitation on use of sole-source shipbuilding contracts for certain vessels.*
- Sec. 127. Certification of the enhanced multi mission parachute system for the United States Marine Corps.*

*Subtitle D—Air Force Programs*

- Sec. 131. Inventory requirement for Air Force fighter aircraft.*
- Sec. 132. Comptroller General review of total force integration initiatives for reserve component rescue squadrons.*
- Sec. 133. Authority to increase Primary Aircraft Authorization of Air Force and Air National Guard A-10 aircraft units for purposes of facilitating A-10 conversion.*
- Sec. 134. Requirement for continuation of E-8 JSTARS recapitalization program.*
- Sec. 135. Prohibition on availability of funds for retirement of E-8 JSTARS aircraft.*

*Subtitle E—Defense-wide, Joint, and Multiservice Matters*

- Sec. 141. F-35 economic order quantity contracting authority.*
- Sec. 142. Authority for Explosive Ordnance Disposal units to acquire new or emerging technologies and capabilities.*

**TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**

*Subtitle A—Authorization of Appropriations*

- Sec. 201. Authorization of appropriations.*

*Subtitle B—Program Requirements, Restrictions, and Limitations*

- Sec. 211. Mechanisms for expedited access to technical talent and expertise at academic institutions to support Department of Defense missions.*
- Sec. 212. Codification and enhancement of authorities to provide funds for defense laboratories for research and development of technologies for military missions.*
- Sec. 213. Modification of laboratory quality enhancement program.*
- Sec. 214. Prizes for advanced technology achievements.*
- Sec. 215. Expansion of definition of competitive procedures to include competitive selection for award of research and development proposals.*
- Sec. 216. Inclusion of modeling and simulation in test and evaluation activities for purposes of planning and budget certification.*
- Sec. 217. Differentiation of research and development activities from service activities.*
- Sec. 218. Designation of additional Department of Defense science and technology reinvention laboratories.*
- Sec. 219. Department of Defense directed energy weapon system prototyping and demonstration program.*
- Sec. 220. Authority for the Under Secretary of Defense for Research and Engineering to promote innovation in the Department of Defense.*

- Sec. 221. Limitation on availability of funds for F-35 Joint Strike Fighter Follow-On Modernization.*
- Sec. 222. Improvement of update process for populating mission data files used in advanced combat aircraft.*

*Subtitle C—Reports and Other Matters*

- Sec. 231. Competitive acquisition plan for low probability of detection data link networks.*
- Sec. 232. Clarification of selection dates for pilot program for the enhancement of the research, development, test, and evaluation centers of the Department of Defense.*
- Sec. 233. Requirement for a plan to build a prototype for a new ground combat vehicle for the Army.*
- Sec. 234. Plan for successfully fielding the Integrated Air and Missile Defense Battle Command System.*
- Sec. 235. Sense of Congress on hypersonic weapons.*
- Sec. 236. Importance of historically Black colleges and universities and minority-serving institutions.*

**TITLE III—OPERATION AND MAINTENANCE**

*Subtitle A—Authorization of Appropriations*

- Sec. 301. Authorization of appropriations.*

*Subtitle B—Logistics and Sustainment*

- Sec. 311. Sentinel Landscapes Partnership.*
- Sec. 312. Increased percentage of sustainment funds authorized for realignment to restoration and modernization at each installation.*

*Subtitle C—Reports*

- Sec. 321. Plan for modernized, dedicated Department of the Navy adversary air training enterprise.*

*Subtitle D—Other Matters*

- Sec. 331. Defense Siting Clearinghouse.*
- Sec. 332. Temporary installation reutilization authority for arsenals, depots, and plants.*
- Sec. 333. Pilot program for operation and maintenance budget presentation.*
- Sec. 334. Servicewomen's commemorative partnerships.*
- Sec. 335. Authority for agreements to reimburse States for costs of suppressing wildfires on State lands caused by Department of Defense activities under leases and other grants of access to State lands.*
- Sec. 336. Repurposing and reuse of surplus Army firearms.*
- Sec. 337. Department of the Navy marksmanship awards.*
- Sec. 338. Modification of the Second Division Memorial.*

*Subtitle E—Energy and Environment*

- Sec. 341. Authority to carry out environmental restoration activities at National Guard and Reserve locations.*
- Sec. 342. Special considerations for energy performance goals.*
- Sec. 343. Centers for Disease Control study on health implications of per- and polyfluoroalkyl substances contamination in drinking water.*

*Sec. 344. Environmental oversight and remediation at Red Hill Bulk Fuel Storage Facility.*

**TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS**

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*Sec. 401. End strengths for active forces.*

*Subtitle B—Reserve Forces*

*Sec. 411. End strengths for Selected Reserve.*

*Sec. 412. End strengths for Reserves on active duty in support of the reserves.*

*Sec. 413. End strengths for military technicians (dual status).*

*Sec. 414. Fiscal year 2018 limitation on number of non-dual status technicians.*

*Sec. 415. Maximum number of reserve personnel authorized to be on active duty for operational support.*

*Sec. 416. Number of members of the National Guard on full-time duty in support of the reserves within the National Guard Bureau.*

*Subtitle C—Authorization of Appropriations*

*Sec. 421. Military personnel.*

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*Sec. 502. Authority of promotion boards to recommend officers of particular merit be placed at the top of the promotion list.*

*Sec. 503. Clarification to exception for removal of officers from list of officers recommended for promotion after 18 months without appointment.*

*Sec. 504. Flexibility in promotion of officers to positions of Staff Judge Advocate to the Commandant of the Marine Corps and Deputy Judge Advocate General of the Navy.*

*Sec. 505. Repeal of requirement for specification of number of officers who may be recommended for early retirement by a Selective Early Retirement Board.*

*Sec. 506. Extension of service-in-grade waiver authority for voluntary retirement of certain general and flag officers for purposes of enhanced flexibility in officer personnel management.*

*Sec. 507. Inclusion of Principal Military Deputy to the Assistant Secretary of the Army for Acquisition, Technology, and Logistics among officers subject to repeal of statutory specification of general officer grade.*

*Sec. 508. Clarification of effect of repeal of statutory specification of general or flag officer grade for various positions in the Armed Forces.*

*Sec. 509. Grandfathering of retired grade of Assistant Judge Advocates General of the Navy as of repeal of statutory specification of general and flag officers grades in the Armed Forces.*

*Sec. 510. Service credit for cyberspace experience or advanced education upon original appointment as a commissioned officer.*

*Sec. 510A. Authority for officers to opt-out of promotion board consideration.*

*Sec. 510B. Reauthorization of authority to order retired members to active duty in high-demand, low-density assignments.*

*Subtitle B—Reserve Component Management*

- Sec. 511. Consolidation of authorities to order members of the reserve components of the Armed Forces to perform duty.*
- Sec. 512. Establishment of Office of Complex Investigations within the National Guard Bureau.*
- Sec. 513. Review of effects of personnel requirements and limitations on the availability of members of the National Guard for the performance of funeral honors duty for veterans.*
- Sec. 514. Training for National Guard personnel on wildfire response.*
- Sec. 515. Plan to meet demand for cyberspace career fields in the reserve components of the Armed Forces.*

*Subtitle C—General Service Authorities*

- Sec. 516. Report on policies for regular and reserve officer career management.*
- Sec. 517. Responsibility of Chiefs of Staff of the Armed Forces for standards and qualifications for military specialties within the Armed Forces.*
- Sec. 518. Confidential review of characterization of terms of discharge of members of the Armed Forces who are survivors of sexual assault.*
- Sec. 519. Improvements to certain authorities and procedures of discharge review boards.*
- Sec. 520. Public availability of information related to disposition of claims regarding discharge or release of members of the Armed Forces when the claims involve sexual assault.*
- Sec. 520A. Modification of basis for extension of period for enlistment in the Armed Forces under the Delayed Entry Program.*

*Subtitle D—Military Justice Matters*

- Sec. 521. Revision to Manual for Courts-Martial with respect to dissemination of visual depictions of private areas or sexually explicit conduct without the consent of the person depicted.*
- Sec. 522. Technical and conforming amendments in connection with reform of the Uniform Code of Military Justice.*
- Sec. 523. Priority of review by Court of Appeals for the Armed Forces of decisions of Courts of Criminal Appeals on petitions for enforcement of victims' rights.*
- Sec. 524. Assistance of defense counsel in additional post-trial matters for accused convicted by court-martial.*
- Sec. 525. Enumeration of additional limitations on acceptance of plea agreements by military judges of general or special courts-martial.*
- Sec. 526. Additional proceedings by Courts of Criminal Appeals by order of United States Court of Appeals for the Armed Forces.*
- Sec. 527. Clarification of applicability and effective dates for statute of limitations amendments in connection with Uniform Code of Military Justice Reform.*
- Sec. 528. Modification of year of initial review by Military Justice Review Panel of Uniform Code of Military Justice reform amendments.*
- Sec. 529. Clarification of applicability of certain provisions of law to civilian judges of the United States Court of Military Commission Review.*
- Sec. 530. Enhancement of effective prosecution and defense in courts-martial and related matters.*

- Sec. 531. Court of Appeals for the Armed Forces jurisdiction to review interlocutory appeals of decisions on certain petitions for writs of mandamus.*
- Sec. 532. Punitive article on wrongful broadcast or distribution of intimate visual images or visual images of sexually explicit conduct under the Uniform Code of Military Justice.*
- Sec. 533. Report on availability of postsecondary credit for skills acquired during military service.*

*Subtitle E—Member Education, Training, Transition, and Resilience*

- Sec. 541. Ready, Relevant Learning initiative of the Navy.*
- Sec. 542. Element in preseparation counseling for members of the Armed Forces on assistance and support services for caregivers of certain veterans through the Department of Veterans Affairs.*
- Sec. 543. Discharge in the Selected Reserve of the commissioned service obligation of military service academy graduates who participate in professional athletics.*
- Sec. 544. Pilot programs on appointment in the excepted service in the Department of Defense of physically disqualified former cadets and midshipmen.*
- Sec. 545. Limitation on availability of funds for attendance of Air Force enlisted personnel at Air Force officer professional military education in-residence courses.*
- Sec. 546. Pilot program on integration of Department of Defense and non-Federal efforts for civilian employment of members of the Armed Forces following transition from active duty to civilian life.*
- Sec. 547. Two-year extension of suicide prevention and resilience program for the National Guard and Reserves.*
- Sec. 548. Sexual assault prevention and response training for all individuals enlisted in the Armed Forces under a delayed entry program.*
- Sec. 549. Use of assistance under Department of Defense Tuition Assistance Program for non-traditional education to develop cybersecurity and computer coding skills.*
- Sec. 550. Sense of Senate on increasing enrollment in Senior Reserve Officers' Training Corps programs at minority-serving institutions.*

*Subtitle F—Defense Dependents' Education and Military Family Readiness Matters*

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- Sec. 551. Impact aid for children with severe disabilities.*
- Sec. 552. Continuation of authority to assist local educational agencies that benefit dependents of members of the Armed Forces and Department of Defense civilian employees.*
- Sec. 553. One-year extension of authorities relating to the transition and support of military dependent students to local educational agencies.*

*PART II—MILITARY FAMILY READINESS MATTERS*

- Sec. 556. Housing treatment for certain members of the Armed Forces, and their spouses and other dependents, undergoing a permanent change of station within the United States.*
- Sec. 557. Direct hire authority for Department of Defense for childcare services providers for Department child development centers.*

- Sec. 558. Report on expanding and contracting for childcare services of the Department of Defense.*
- Sec. 559. Report on review of General Schedule pay grades of childcare services providers of the Department of Defense.*
- Sec. 560. Pilot program on public-private partnerships for telework facilities on military installations outside the United States.*
- Sec. 561. Report on mechanisms to facilitate the obtaining by military spouses of professional licenses or credentials in other States.*
- Sec. 562. Additional military childcare matters.*
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- Sec. 582. Report to Congress on accompanied and unaccompanied tours of duty in remote locations with high family support costs.*
- Sec. 583. Authorization of support for Beyond Yellow Ribbon programs.*

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- Sec. 601. Fiscal year 2018 increase in military basic pay.*
- Sec. 602. Extension of authority to provide temporary increase in rates of basic allowance for housing under certain circumstances.*
- Sec. 603. Adjustment to basic allowance for housing at with dependents rate of certain members of the uniformed services.*
- Sec. 604. Modification of authority of President to determine alternative pay adjustment in annual basic pay of members of the uniformed services.*

*Subtitle B—Bonuses and Special and Incentive Pays*

- Sec. 611. One-year extension of certain bonus and special pay authorities for reserve forces.*
- Sec. 612. One-year extension of certain bonus and special pay authorities for health care professionals.*
- Sec. 613. One-year extension of special pay and bonus authorities for nuclear officers.*
- Sec. 614. One-year extension of authorities relating to title 37 consolidated special pay, incentive pay, and bonus authorities.*
- Sec. 615. One-year extension of authorities relating to payment of other title 37 bonuses and special pays.*
- Sec. 616. Aviation bonus matters.*
- Sec. 617. Special aviation incentive pay and bonus authorities for enlisted members who pilot remotely piloted aircraft.*

*Sec. 618. Technical and conforming amendments relating to 2008 consolidation of special pay authorities.*

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*PART I—AMENDMENTS IN CONNECTION WITH RETIRED PAY REFORM*

*Sec. 631. Adjustments to Survivor Benefit Plan for members electing lump sum payments of retired pay under the modernized retirement system for members of the uniformed services.*

*Sec. 632. Technical correction regarding election to participate in modernized retirement system for reserve component members experiencing a break in service.*

*Sec. 633. Promotion of financial literacy concerning retirement among members of the Armed Forces.*

*PART II—OTHER MATTERS*

*Sec. 636. Authority for the Secretaries of the military departments to provide for care of remains of those who die on active duty and are interred in a foreign cemetery.*

*Sec. 637. Technical corrections to use of member's current pay grade and years of service in a division of property involving disposable retired pay.*

*Sec. 638. Permanent extension and cost-of-living adjustments of special survivor indemnity allowances under the Survivor Benefit Plan.*

*Subtitle D—Other Matters*

*Sec. 651. Construction of domestic source requirement for footwear furnished to enlisted members of the Armed Forces on initial entry into the Armed Forces.*

*Sec. 652. Inclusion of Department of Agriculture in Transition Assistance Program.*

*Sec. 653. Review and update of regulations governing debt collectors interactions with unit commanders.*

*TITLE VII—HEALTH CARE PROVISIONS*

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*Sec. 701. TRICARE Advantage demonstration program.*

*Sec. 702. Continued access to medical care at facilities of the uniformed services for certain members of the reserve components.*

*Sec. 703. Modification of eligibility for TRICARE Reserve Select and TRICARE Retired Reserve of certain members of the reserve components.*

*Sec. 704. Expedited evaluation and treatment for prenatal surgery under the TRICARE program.*

*Sec. 705. Specification that individuals under the age of 21 are eligible for hospice care services under the TRICARE program.*

*Sec. 706. Modifications of cost-sharing requirements for the TRICARE Pharmacy Benefits Program and treatment of certain pharmaceutical agents.*

*Sec. 707. Consolidation of cost-sharing requirements under TRICARE Select and TRICARE Prime.*

*Sec. 708. TRICARE technical amendments.*

*Sec. 709. Contraception coverage parity under the TRICARE program.*

*Subtitle B—Health Care Administration*

- Sec. 721. Modification of priority for evaluation and treatment of individuals at military treatment facilities.*
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- Sec. 731. Extension of authority for Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.*
- Sec. 732. Additional emergency uses for medical products to reduce deaths and severity of injuries caused by agents of war.*
- Sec. 733. Prohibition on conduct of certain medical research and development projects.*
- Sec. 734. Modification of determination of average wait times at urgent care clinics and pharmacies at military medical treatment facilities under pilot program.*
- Sec. 735. Report on plan to improve pediatric care and related services for children of members of the Armed Forces.*
- Sec. 736. Inclusion of gambling disorder in health assessments and related research efforts of the Department of Defense.*
- Sec. 737. Feasibility study on conduct of pilot program on mental health readiness of part-time members of the reserve components of the Armed Forces.*

**TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT, AND RELATED MATTERS***Subtitle A—Acquisition Policy and Management*

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- Sec. 802. Technical and conforming amendments related to program management provisions.*
- Sec. 803. Should-cost management.*
- Sec. 804. Clarification of purpose of Defense acquisition.*
- Sec. 805. Defense policy advisory committee on technology.*
- Sec. 806. Report on extension of development, acquisition, and sustainment authorities of the military departments to the United States Special Operations Command.*
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- Sec. 812. Increased simplified acquisition threshold applicable to Department of Defense procurements.*
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- Sec. 814. Contract authority for advanced development of initial or additional prototype units.*
- Sec. 815. Treatment of independent research and development costs on certain contracts.*
- Sec. 816. Non-traditional contractor definition.*
- Sec. 817. Repeal of domestic source restriction related to wearable electronics.*
- Sec. 818. Use of outcome-based and performance-based requirements for services contracts.*
- Sec. 819. Pilot program for longer term multiyear service contracts.*
- Sec. 820. Identification of commercial services.*
- Sec. 821. Government Accountability Office bid protest reforms.*
- Sec. 822. Enhanced post-award debriefing rights.*
- Sec. 823. Limitation on unilateral definitization.*
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- Sec. 825. Use of lowest price technically acceptable source selection process.*
- Sec. 826. Middle tier of acquisition for rapid prototype and rapid fielding.*
- Sec. 827. Elimination of cost underruns as factor in calculation of penalties for cost overruns.*
- Sec. 828. Contract closeout authority.*
- Sec. 829. Service contracts of the Department of Defense.*
- Sec. 830. Department of Defense contractor workplace safety and accountability.*
- Sec. 831. Department of Defense promotion of contractor compliance with existing law.*

*Subtitle C—Provisions Relating to Major Defense Acquisition Programs*

- Sec. 835. Revisions to definition of major defense acquisition program.*
- Sec. 836. Prohibition on use of lowest price technically acceptable source selection process for major defense acquisition programs.*
- Sec. 837. Role of the Chief of the armed force in material development decision and acquisition system milestones.*

*Subtitle D—Provisions Related to Acquisition Workforce*

- Sec. 841. Training in commercial items procurement.*
- Sec. 842. Modification of definition of acquisition workforce to include personnel engaged in the acquisition or development of cybersecurity systems.*
- Sec. 843. Training and support for programs pursuing agile acquisition methods.*
- Sec. 844. Credits to Department of Defense Acquisition Workforce Development Fund.*

*Subtitle E—Provisions Related to Commercial Items*

- Sec. 851. Modification to definition of commercial items.*
- Sec. 852. Revision to definition of commercial item.*
- Sec. 853. Commercial item determinations.*
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- Sec. 861. Review regarding applicability of foreign ownership, control, or influence requirements of National Security Industrial Program to national technology and industrial base companies.*

- Sec. 862. Pilot program on strengthening manufacturing in defense industrial base.*
- Sec. 863. Sunset of certain provisions relating to the industrial base.*

*Subtitle G—International Contracting Matters*

- Sec. 865. Procurement exception relating to agreements with foreign governments.*
- Sec. 866. Applicability of cost and pricing data certification requirements.*
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*Subtitle H—Other Transactions*

- Sec. 871. Other transaction authority.*
- Sec. 872. Education and training for transactions other than contracts and grants.*
- Sec. 873. Preference for use of other transactions and experimental authority.*
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- Sec. 883. Pilot to tailor software-intensive major programs to use agile methods.*
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- Sec. 892. Rights in technical data related to medical research.*
- Sec. 893. Oversight, audit, and certification from the Defense Contract Audit Agency for procurement activities related to medical research.*
- Sec. 894. Requirements for Defense Contract Audit Agency report.*
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- Sec. 896. Pilot program for adoption of acquisition strategy for Defense Base Act insurance.*
- Sec. 897. Phase III awards.*
- Sec. 898. Pilot program for streamlined technology transition from the SBIR and STTR programs of the Department of Defense.*
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- Sec. 899C. Investing in rural small businesses.*

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- Sec. 904. Executive Schedule matters relating to Under Secretary of Defense for Acquisition and Sustainment.*
- Sec. 905. Technical amendment.*
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- Sec. 907. Qualifications for appointment and additional duties and powers of certain officials within the Office of the Under Secretary of Defense (Comptroller).*
- Sec. 908. Five-year period of relief from active duty as a commissioned officer of a regular component of the Armed Forces for appointment to Under Secretary of Defense positions.*
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- Sec. 921. Reduction in authorized number of Assistant Secretaries of the military departments.*
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- Sec. 932. Manner of carrying out reductions in major Department of Defense headquarters activities.*
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- Sec. 934. Direct hire authority for the Department of Defense for personnel to assist in business transformation and management innovation.*
- Sec. 935. Data analytics capability for support of enhanced oversight and management of the Defense Agencies and Department of Defense Field Activities.*
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*Sec. 937. Pilot programs on data integration strategies for the Department of Defense.*

*Sec. 938. Background and security investigations for Department of Defense personnel.*

*Subtitle D—Other Matters*

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*Sec. 953. Requirement for National Language Service Corps.*

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*Sec. 1003. Certifications on audit readiness of the Department of Defense and the military departments, Defense Agencies, and other organizations and elements of the Department of Defense.*

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*Sec. 1006. Financial operations dashboard for the Department of Defense.*

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*Sec. 1018. Authority to purchase used vessels to recapitalize the Ready Reserve Force and the Military Sealift Command surge fleet.*

*Sec. 1019. Surveying ships.*

*Sec. 1020. Pilot program on funding for national defense sealift vessels.*

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*Sec. 1031. Extension of prohibition on use of funds for transfer or release of individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to the United States.*

*Sec. 1032. Extension of prohibition on use of funds to construct or modify facilities in the United States to house detainees transferred from United States Naval Station, Guantanamo Bay, Cuba.*

- Sec. 1033. Extension of prohibition on use of funds for transfer or release to certain countries of individuals detained at United States Naval Station, Guantanamo Bay, Cuba.*
- Sec. 1034. Extension of prohibition on use of funds for realignment of forces at or closure of United States Naval Station, Guantanamo Bay, Cuba.*
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- Sec. 1042. Department of Defense integration of information operations and cyber-enabled information operations.*
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- Sec. 6603. Review of United States nuclear and radiological terrorism prevention strategy.*
- Sec. 6604. Sense of Congress on National Space Defense Center.*
- Sec. 6605. Prohibition on establishment of military department or corps separate from or subordinate to the current military departments.*
- Sec. 6606. Rule of construction on Iron Dome short-range rocket defense system and Israeli Cooperative Missile Defense Program.*
- Sec. 6607. Report on integration of modernization and sustainment of nuclear triad.*
- Sec. 6608. Comptroller General of the United States report on Department of Defense critical telecommunications equipment or services obtained from suppliers closely linked to a leading cyber-threat actor.*

**TITLE LXXVIII—MILITARY CONSTRUCTION AND GENERAL PROVISIONS**

- Sec. 7801. Certification related to certain acquisitions or leases of real property.*
- Sec. 7802. Energy security for military installations in Europe.*
- Sec. 7803. Land conveyance, Mountain Home Air Force Base, Idaho.*
- Sec. 7804. Annual locality adjustment of dollar thresholds applicable to unspecified minor military construction authorities.*

**TITLE LXXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**

- Sec. 8101. Albuquerque Complex upgrades construction project.*

**TITLE LXXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD**

- Sec. 8201. Authorization.*

## DIVISION F—FURTHER ADDITIONAL PROVISIONS

## TITLE CI—PROCUREMENT

*Sec. 10101. Interim Combat Service Rifle.*

## TITLE CII—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

- Sec. 10201. Support for national security innovation and entrepreneurial education.*
- Sec. 10202. Ineffectiveness of codification and enhancement of authorities to provide funds for defense laboratories for research and development of technologies for military missions.*
- Sec. 10203. Codification and enhancement of authorities to provide funds for defense laboratories for research and development of technologies for military missions.*
- Sec. 10204. Annual report on unfunded requirements for laboratory military construction projects.*
- Sec. 10205. Very-low profile hardware to interact with the Mobile User Objective System and other systems.*

## TITLE CIII—OPERATION AND MAINTENANCE

- Sec. 10301. Report on release of radium or radioactive material into the groundwater near the industrial reserve plant in Bethpage, New York.*
- Sec. 10302. Sense on Congress on the small turbine engine industrial base.*
- Sec. 10303. Report on optimization of training in and management of special use airspace.*
- Sec. 10304. Centers for Disease Control study on health implications of per- and polyfluoroalkyl substances contamination in drinking water.*

## TITLE CV—MILITARY PERSONNEL POLICY

- Sec. 10501. Flexibility in promotion of Deputy Judge Advocate General of the Air Force.*
- Sec. 10502. Ineffectiveness of pilot program on integration of Department of Defense and non-Federal efforts for civilian employment of members of the Armed Forces following transition from active duty to civilian life.*
- Sec. 10503. Pilot program on integration of Department of Defense and non-Federal efforts for civilian employment of members of the Armed Forces following transition from active duty to civilian life.*

## TITLE CVI—COMPENSATION AND OTHER PERSONNEL BENEFITS

- Sec. 10601. Sense of Senate on the use by exchange stores of small businesses as suppliers.*
- Sec. 10602. Garnishment to satisfy judgment rendered for physically, sexually, or emotionally abusing a child.*
- Sec. 10603. Element in next quadrennial review of military compensation on value assigned by members of the Armed Forces to various aspects of military compensation.*

## TITLE CVII—HEALTH CARE PROVISIONS

- Sec. 10701. Requirement for reimbursement by Department of Defense to entities carrying out State vaccination programs for costs of vaccines provided to covered beneficiaries.*

*Sec. 10702. Eligibility for certain health care benefits of members of the Selected Reserve ordered to active duty for preplanned missions in support of the combatant commands.*

**TITLE CVIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT,  
AND RELATED MATTERS**

*Sec. 10801. Responsibilities of commercial market representatives.*

*Sec. 10802. Modification to the HUBZone program.*

*Sec. 10803. Report on defense contracting fraud.*

*Sec. 10804. Government micro-purchase threshold matters.*

**TITLE CIX—DEPARTMENT OF DEFENSE ORGANIZATION AND  
MANAGEMENT**

*Sec. 10901. Report on implementation of requirements in connection with the organization of the Department of Defense for management of special operations forces and special operations.*

*Sec. 10902. Report on the need for a Joint Chemical-Biological Defense Logistics Center.*

**TITLE CX—GENERAL PROVISIONS**

*Subtitle A—Additional General Provisions*

*Sec. 11001. Expansion of availability from the Department of Veterans Affairs of counseling and treatment for sexual trauma for members of the Armed Forces.*

*Sec. 11002. Report on the global food system and vulnerabilities relevant to Department of Defense missions.*

*Sec. 11003. Ineffectiveness of Department of Defense integration of information operations and cyber-enabled information operations.*

*Sec. 11004. Department of Defense integration of information operations and cyber-enabled information operations.*

*Sec. 11005. Report on cyber capability and readiness shortfalls of Army Combat Training Centers.*

*Sec. 11006. Report on the audit of the full financial statements of the Department of Defense.*

*Sec. 11007. Report on hurricane damage to Department of Defense assets.*

*Sec. 11008. Establishment of center of excellence in prevention, diagnosis, mitigation, treatment, and rehabilitation of health conditions relating to exposure to burn pits and other environmental exposures.*

*Subtitle B—Government Purchase and Travel Cards*

*Sec. 11021. Short title.*

*Sec. 11022. Definitions.*

*Sec. 11023. Expanded use of data analytics.*

*Sec. 11024. Guidance on improving information sharing to curb improper payments.*

*Sec. 11025. Interagency Charge Card Data Management Group.*

*Sec. 11026. Reporting requirements.*

**TITLE CXII—MATTERS RELATING TO FOREIGN NATIONS**

*Sec. 11201. Sense of Congress on cybersecurity cooperation with Ukraine.*

*Sec. 11202. North Korea strategy.*

- Sec. 11203. Plan on improvement of ability of foreign governments participating in United States institutional capacity building programs to protect civilians.*
- Sec. 11204. Report on the capabilities and activities of the Islamic State of Iraq and Syria and other violent extremist groups in Southeast Asia.*
- Sec. 11205. Sense of Congress on the Islamic State of Iraq and the Levant.*
- Sec. 11206. Clarification of authority to support border security operations of certain foreign countries.*

**TITLE CXVI—STRATEGIC PROGRAMS, CYBER, AND INTELLIGENCE MATTERS**

- Sec. 11601. Requirements relating to multi-use sensitive compartmented information facilities.*
- Sec. 11602. Ineffectiveness of prohibition on use of software platforms developed by Kaspersky Lab.*
- Sec. 11603. Prohibition on use of software platforms developed by Kaspersky Lab.*
- Sec. 11604. Report on significant security risks of defense critical electric infrastructure.*
- Sec. 11605. Report on progress made in implementing the Cyber Excepted Personnel System.*
- Sec. 11606. Report on acquisition strategy to recapitalize the existing system for undersea fixed surveillance.*
- Sec. 11607. Comprehensive review of maritime intelligence, surveillance, reconnaissance, and targeting.*
- Sec. 11608. Report on training infrastructure for cyber forces.*

**TITLE CXXVIII—MILITARY CONSTRUCTION AND GENERAL PROVISIONS**

- Sec. 12801. Technical correction to authority for return of certain lands at Fort Wingate, New Mexico, to original inhabitants.*
- Sec. 12802. Energy resilience.*

**TITLE CXXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**

- Sec. 13101. Plutonium capabilities.*

**TITLE CXXXV—MARITIME ADMINISTRATION**

- Sec. 13501. Ineffectiveness of Maritime Administration provisions.*
- Sec. 13502. Authorization of the Maritime Administration.*
- Sec. 13503. Removal adjunct professor limit at United States Merchant Marine Academy.*
- Sec. 13504. Acceptance of guarantees in conjunction with partial donations for major projects of the United States Merchant Marine Academy.*
- Sec. 13505. Authority to pay conveyance or transfer expenses in connection with acceptance of a gift to the United States Merchant Marine Academy.*
- Sec. 13506. Authority to participate in Federal, State or other research grants.*
- Sec. 13607. Assistance for small shipyards and maritime communities.*
- Sec. 13508. Domestic maritime centers of excellence.*
- Sec. 13509. Access to satellite communication devices during Sea Year program.*
- Sec. 13510. Actions to address sexual harassment, dating violence, domestic violence, sexual assault, and stalking at the United States Merchant Marine Academy.*

- Sec. 13511. Sexual assault prevention and response staff.*  
*Sec. 13512. Protection of students from sexual assault onboard vessels.*  
*Sec. 13513. Training requirement for sexual assault investigators.*

**TITLE CXXXI—FUNDING TABLES**

- Sec. 14001. Funding tables.*  
*Sec. 14002. Additional funding table matters.*  
*Sec. 14003. Expansion of SkillBridge initiative to include participation by Federal agencies.*  
*Sec. 14004. Temporary extension of extended period of protections for members of uniformed services relating to mortgages, mortgage foreclosure, and eviction.*  
*Sec. 14005. Report on compliance with runway clear zone requirements.*  
*Sec. 14006. Limitation on cancellation of designation of Secretary of the Air Force as Department of Defense Executive Agent for a certain Defense Production Act Program.*  
*Sec. 14007. Report on the National Biodefense Analysis and Countermeasures Center (NBACC) and Limitation on Use of Funds.*  
*Sec. 14008. Buy American Act training for Defense acquisition workforce.*  
*Sec. 14009.*  
*Sec. 14010. Recognition of the National Museum of World War II Aviation.*  
*Sec. 14011. Increased term limit for intergovernmental support agreements to provide installation support services.*  
*Sec. 14012. Report on utilization of small businesses for Federal contracts.*  
*Sec. 14013. Venue for prosecution of maritime drug trafficking.*  
*Sec. 14014. Sense of Congress on fire protection in Department of Defense facilities.*  
*Sec. 14015.*

**1 SEC. 3. CONGRESSIONAL DEFENSE COMMITTEES.**

2       *In this Act, the term “congressional defense commit-*  
 3 *tees” has the meaning given that term in section 101(a)(16)*  
 4 *of title 10, United States Code.*

**5 SEC. 4. BUDGETARY EFFECTS OF THIS ACT.**

6       *The budgetary effects of this Act, for the purposes of*  
 7 *complying with the Statutory Pay-As-You-Go Act of 2010,*  
 8 *shall be determined by reference to the latest statement titled*  
 9 *“Budgetary Effects of PAYGO Legislation” for this Act,*  
 10 *jointly submitted for printing in the Congressional Record*  
 11 *by the Chairmen of the House and Senate Budget Commit-*  
 12 *tees, provided that such statement has been submitted prior*

1 *to the vote on passage in the House acting first on the con-*  
 2 *ference report or amendment between the Houses.*

3 ***DIVISION A—DEPARTMENT OF***  
 4 ***DEFENSE AUTHORIZATIONS***  
 5 ***TITLE I—PROCUREMENT***  
 6 ***Subtitle A—Authorization of***  
 7 ***Appropriations***

8 ***SEC. 101. AUTHORIZATION OF APPROPRIATIONS.***

9 *Funds are hereby authorized to be appropriated for fis-*  
 10 *cal year 2018 for procurement for the Army, the Navy and*  
 11 *the Marine Corps, the Air Force, and Defense-wide activi-*  
 12 *ties, as specified in the funding table in section 4101.*

13 ***Subtitle B—Army Programs***

14 ***SEC. 111. TRANSFER OF EXCESS HIGH MOBILITY MULTI-***  
 15 ***PURPOSE WHEELED VEHICLES TO FOREIGN***  
 16 ***COUNTRIES.***

17 *(a) TRANSFERS.—*

18 *(1) IN GENERAL.—Chapter 153 of title 10,*  
 19 *United States Code, is amended by inserting after sec-*  
 20 *tion 2581 the following new section:*

21 ***“§2581a. Transfer of excess High Mobility Multipur-***  
 22 ***pose Wheeled Vehicles (HMMWVs) to for-***  
 23 ***ign countries***

24 *“(a) REQUIREMENTS.—(1) Before an excess High Mo-*  
 25 *bility Multipurpose Wheeled Vehicle (HMMWV) is trans-*

1 *ferred on a grant or sales basis to a foreign country for*  
2 *the purpose of operation by that country, the Secretary of*  
3 *Defense shall ensure that the HMMWV receives the same*  
4 *new, modernized powertrain and a modernized, armored or*  
5 *armor-capable crew compartment restored to like-new con-*  
6 *dition that the HMMWV would receive if it were to be mod-*  
7 *ernized for operational use by the armed forces.*

8       “(2) *For the purposes of paragraph (1), the term ‘the*  
9 *same new, modernized powertrain’—*

10               “(A) *means a fully-functioning new powertrain*  
11 *system; and*

12               “(B) *does not mean an individual part, compo-*  
13 *nent, subassembly, assembly, or subsystem integral to*  
14 *the functioning of the powertrain system such as a*  
15 *new engine or transmission.*

16       “(3) *Any work performed pursuant to paragraph (1)*  
17 *shall be performed in the United States and shall be covered*  
18 *by section 2460(b)(1) of this title.*

19       “(b) *WAIVER.—Subject to the requirements of sub-*  
20 *section (c), the Secretary may waive the requirements of*  
21 *subsection (a)(1) if the Secretary determines in writing that*  
22 *such an exception is required by the national security inter-*  
23 *ests of the United States.*

24       “(c) *NOTIFICATION.—(1) If the Secretary makes a*  
25 *written determination under subsection (b), the Secretary*

1 *may not transfer excess HMMWVs until 30 days after the*  
2 *Secretary has provided notice of the proposed transfer to*  
3 *the congressional defense committees. The notification shall*  
4 *include—*

5           “(A) *the total quantity of HMMWVs, the serial*  
6 *and model numbers of each individual HMMWV, and*  
7 *the age, condition, and expected useful life of each in-*  
8 *dividual HMMWV to be transferred;*

9           “(B) *the recipient of the HMMWVs, the intended*  
10 *use of the HMMWVs, and a description of the na-*  
11 *tional security interests of the United States necessi-*  
12 *tating the transfer;*

13           “(C) *an explanation of why it is not in the na-*  
14 *tional security interests of the United States to make*  
15 *the transfer in accordance with the requirements of*  
16 *subsection (a);*

17           “(D) *the impact on the national technology and*  
18 *industrial base and, particularly, any reduction of*  
19 *the opportunities of entities in the national tech-*  
20 *nology and industrial base to sell new or used*  
21 *HMMWVs to the countries to which the proposed*  
22 *transfer of HMMWVs is to take place; and*

23           “(E) *the names of all entities in the national*  
24 *technology and industrial base consulted as part of*  
25 *the determination in subsection (D), as well as the*

1       *dates when and the names, titles, and affiliations of*  
 2       *all individuals with whom such consultations took*  
 3       *place.*

4       “(2) *The Secretary shall make the notification required*  
 5       *under this subsection in accordance with the procedures*  
 6       *specified in section 060403 of volume 3, chapter 6, of the*  
 7       *Department of Defense Financial Management Regula-*  
 8       *tion.”.*

9               (2) *CLERICAL AMENDMENT.—The table of sec-*  
 10       *tions at the beginning of such chapter is amended by*  
 11       *inserting after the item relating to section 2581 the*  
 12       *following new item:*

      “2581a. *Transfer of excess High Mobility Multipurpose Wheeled Vehicles*  
       *(HMMWVs) to foreign countries.”.*

13       (b) *EFFECTIVE DATE.—Section 2581a of title 10,*  
 14       *United States Code, as added by subsection (a), shall apply*  
 15       *with respect to transfers of High Mobility Multipurpose*  
 16       *Wheeled Vehicles on and after the date of the enactment of*  
 17       *this Act.*

18       **SEC. 112. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
 19               **ARMY AIR-LAND MOBILE TACTICAL COMMU-**  
 20               **NICATIONS AND DATA NETWORK, INCLUDING**  
 21               **WARFIGHTER INFORMATION NETWORK-TAC-**  
 22               **TICAL (WIN-T).**

23       (a) *LIMITATION.—No funds authorized to be appro-*  
 24       *priated by this Act or otherwise made available for fiscal*

1 year 2018 for other procurement, Army, and available for  
2 the Warfighter Information Network-Tactical (WIN-T), In-  
3 crement 2 (Inc 2) program may be obligated or expended  
4 until the Secretary of the Army submits the report required  
5 under subsection (b).

6 (b) *REPORT.*—The Secretary of the Army shall submit  
7 to the congressional defense committees a report describing  
8 how the Army intends to implement the recommendations  
9 related to air-land ad-hoc, mobile tactical communications  
10 and data networks provided by the Director of Cost Assess-  
11 ment and Program Evaluation (CAPE) pursuant to section  
12 237 of the National Defense Authorization Act for Fiscal  
13 Year 2016 (Public Law 114–92; 129 Stat. 781).

## 14 ***Subtitle C—Navy Programs***

### 15 ***SEC. 121. MULTIYEAR PROCUREMENT AUTHORITY FOR VIR-*** 16 ***GINIA CLASS SUBMARINE PROGRAM.***

17 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.*—  
18 Subject to section 2306b of title 10, United States Code, the  
19 Secretary of the Navy may enter into one or more multiyear  
20 contracts, beginning with the fiscal year 2019 program  
21 year, for the procurement of up to 13 Virginia class sub-  
22 marines.

23 (b) *AUTHORITY FOR ADVANCE PROCUREMENT.*—The  
24 Secretary of the Navy may enter into one or more contracts,  
25 beginning in fiscal year 2018, for advance procurement as-

1 *sociated with the Virginia Class submarines for which au-*  
2 *thorization to enter into a multiyear procurement contract*  
3 *is provided under subsection (a), and for equipment or sub-*  
4 *systems associated with the Virginia Class submarine pro-*  
5 *gram, including procurement of—*

6           (1) *long lead time material; or*

7           (2) *material or equipment in economic order*  
8 *quantities when cost savings are achievable.*

9       (c) **CONDITION FOR OUT-YEAR CONTRACT PAY-**  
10 **MENTS.**—*A contract entered into under subsection (a) shall*  
11 *provide that any obligation of the United States to make*  
12 *a payment under the contract for a fiscal year after fiscal*  
13 *year 2019 is subject to the availability of appropriations*  
14 *or funds for that purpose for such fiscal year.*

15       (d) **LIMITATION ON TERMINATION LIABILITY.**—*A con-*  
16 *tract for construction of Virginia Class submarines entered*  
17 *into in accordance with subsection (a) shall include a clause*  
18 *that limits the liability of the United States to the con-*  
19 *tractor for any termination of the contract. The maximum*  
20 *liability of the United States under the clause shall be the*  
21 *amount appropriated for the submarines covered by the*  
22 *contract regardless of the amount obligated under the con-*  
23 *tract.*

24 **SEC. 122. ARLEIGH BURKE CLASS DESTROYERS.**

25       (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—

1           (1) *IN GENERAL.*—Subject to section 2306b of  
2 title 10, United States Code, the Secretary of the  
3 Navy may enter into one or more multiyear con-  
4 tracts, beginning not earlier than the fourth quarter  
5 of fiscal year 2018, for the procurement of up to 15  
6 Arleigh Burke class Flight III guided missile destroy-  
7 ers.

8           (2) *AUTHORITY FOR ADVANCE PROCUREMENT.*—  
9 The Secretary of the Navy may enter into one or  
10 more contracts, beginning in fiscal year 2018, for ad-  
11 vance procurement associated with the destroyers for  
12 which authorization to enter into a multiyear pro-  
13 curement contract is provided under paragraph (1),  
14 and for systems and subsystems associated with such  
15 destroyers in economic order quantities when cost sav-  
16 ings are achievable.

17           (3) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
18 *MENTS.*—A contract entered into under paragraph (1)  
19 shall provide that any obligation of the United States  
20 to make a payment under the contract for a fiscal  
21 year after fiscal year 2018 is subject to the avail-  
22 ability of appropriations or funds for that purpose for  
23 such fiscal year.

24           (b) *MODIFICATION TO PROCUREMENT OF ADDITIONAL*  
25 *ARLEIGH BURKE CLASS DESTROYER.*—Section 125(a)(1)

1 *of the National Defense Authorization Act for Fiscal Year*  
2 *2016 (Public Law 114–92) is amended by striking “to be*  
3 *procured either” and inserting “to be procured using a*  
4 *fixed-price contract either”.*

5 **SEC. 123. MULTIYEAR PROCUREMENT AUTHORITY FOR V–22**  
6 **JOINT AIRCRAFT PROGRAM.**

7 (a) *AUTHORITY FOR MULTIYEAR PROCUREMENT.—*  
8 *Subject to section 2306b of title 10, United States Code, the*  
9 *Secretary of Defense may enter into one or more multiyear*  
10 *contracts, beginning with the fiscal year 2018 program*  
11 *year, for the procurement of V–22 aircraft. Notwithstanding*  
12 *subsection (k) of such section 2306b, the Secretary of De-*  
13 *fense may enter into a multiyear contract under this section*  
14 *for up to five years.*

15 (b) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
16 *MENTS.—A contract entered into under subsection (a) shall*  
17 *provide that any obligation of the United States to make*  
18 *a payment under the contract for a fiscal year after fiscal*  
19 *year 2018 is subject to the availability of appropriations*  
20 *for that purpose for such later fiscal year.*

1 **SEC. 124. DESIGN AND CONSTRUCTION OF AMPHIBIOUS**  
2 **SHIP REPLACEMENT DESIGNATED LX(R) OR**  
3 **AMPHIBIOUS TRANSPORT DOCK DESIGNATED**  
4 **LPD-30.**

5 (a) *IN GENERAL.*—*The Secretary of the Navy may*  
6 *enter into a contract, beginning with the fiscal year 2018*  
7 *program year, for the design and construction of the am-*  
8 *phibious ship replacement designated LX(R) or the amphib-*  
9 *ious transport dock designated LPD-30 using amounts au-*  
10 *thorized to be appropriated for the Department of Defense*  
11 *for Shipbuilding and Conversion, Navy.*

12 (b) *USE OF INCREMENTAL FUNDING.*—*With respect to*  
13 *the contract entered into under subsection (a), the Secretary*  
14 *may use incremental funding to make payments under the*  
15 *contract.*

16 (c) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
17 *MENTS.*—*The contract entered into under subsection (a)*  
18 *shall provide that any obligation of the United States to*  
19 *make a payment under such contract for any fiscal year*  
20 *after fiscal year 2018 is subject to the availability of appro-*  
21 *priations for that purpose for such fiscal year.*

22 **SEC. 125. MODIFICATION OF COST LIMITATION BASELINE**  
23 **FOR CVN-78 CLASS AIRCRAFT CARRIER PRO-**  
24 **GRAM.**

25 *Section 122(a) of the John Warner National Defense*  
26 *Authorization Act for Fiscal Year 2007 (Public Law 109-*

1 364; 120 Stat. 2105), as most recently amended by section  
2 122 of the National Defense Authorization Act for Fiscal  
3 Year 2016 (Public Law 114–92; 129 Stat. 749), is further  
4 amended by striking paragraph (2) and inserting the fol-  
5 lowing new paragraphs:

6           “(2) CVN–79.—The total amount obligated from  
7 funds appropriated or otherwise made available for  
8 Shipbuilding and Conversion, Navy, or for any other  
9 procurement account, for the aircraft carrier des-  
10 ignated CVN–79 may not exceed \$11,398,000,000 (as  
11 adjusted pursuant to subsection (b)).

12           “(3) FOLLOW-ON SHIPS.—The total amount obli-  
13 gated from funds appropriated or otherwise made  
14 available for Shipbuilding and Conversion, Navy, or  
15 for any other procurement account, for any ship that  
16 is constructed in the CVN–78 class of aircraft carriers  
17 after CVN–79 may not exceed \$12,000,000,000 (as ad-  
18 justed pursuant to subsection (b)).”.

19 **SEC. 126. EXTENSION OF LIMITATION ON USE OF SOLE-**  
20 **SOURCE SHIPBUILDING CONTRACTS FOR**  
21 **CERTAIN VESSELS.**

22           Section 124 of the National Defense Authorization Act  
23 for Fiscal Year 2017 (Public Law 114–328) is amended by  
24 striking “2017” and inserting “2017 or fiscal year 2018”.

1 **SEC. 127. CERTIFICATION OF THE ENHANCED MULTI MIS-**  
2 **SION PARACHUTE SYSTEM FOR THE UNITED**  
3 **STATES MARINE CORPS.**

4 (a) *CERTIFICATION.*—Not later than 90 days after the  
5 date of the enactment of this Act, the Secretary of the Navy  
6 shall submit to the congressional defense committees a cer-  
7 tification—

8 (1) *whether either the Marine Corps' currently*  
9 *fielded multi mission parachute system or the Army's*  
10 *RA-1 parachute system meet the Marine Corps re-*  
11 *quirements;*

12 (2) *whether the Marine Corps' PARIS, Special*  
13 *Application Parachute meets the Marine Corps re-*  
14 *quirement;*

15 (3) *whether the testing plan for the enhanced*  
16 *multi mission parachute system meets all regulatory*  
17 *requirements; and*

18 (4) *whether the Department of the Navy has de-*  
19 *termined that a high glide canopy is as safe and effec-*  
20 *tive as the currently fielded free fall parachute sys-*  
21 *tems.*

22 (b) *REPORT.*—Not later than 90 days after the date  
23 of the enactment of this Act, the Secretary of the Navy shall  
24 submit to the congressional defense committees a report that  
25 includes—

1           (1) *an explanation for using the Parachute In-*  
2 *dustry Association specification for a military para-*  
3 *chute given that sports parachutes are employed from*  
4 *relatively slow flying civilian aircraft at altitudes*  
5 *below 10,000 feet;*

6           (2) *a cost estimate for any new equipment and*  
7 *training that the Marine Corps will require in order*  
8 *to employ a high glide parachute;*

9           (3) *justification of why the Department of the*  
10 *Navy is not conducting any testing until first article*  
11 *testing; and*

12           (4) *an assessment of the risks associated with*  
13 *high glide canopies with a focus on how the Depart-*  
14 *ment of the Navy will mitigate the risk for malfunc-*  
15 *tions experienced in other high glide canopy pro-*  
16 *grams.*

## 17       ***Subtitle D—Air Force Programs***

### 18       ***SEC. 131. INVENTORY REQUIREMENT FOR AIR FORCE***

#### 19               ***FIGHTER AIRCRAFT.***

20           (a) *INVENTORY REQUIREMENT.*—*Section 8062 of title*  
21 *10, United States Code, is amended by adding at the end*  
22 *the following new subsection:*

23           “(i) *INVENTORY REQUIREMENT.*—(1) *Effective October*  
24 *1, 2017, the Secretary of the Air Force shall maintain a*  
25 *total aircraft inventory of fighter aircraft of not less than*

1 1,970 aircraft, and a total primary mission aircraft inven-  
2 tory (combat-coded) of not less than 1,145 fighter aircraft.

3 “(2) In this subsection:

4 “(A) The term ‘fighter aircraft’ means an air-  
5 craft that—

6 “(i) is designated by a mission design series  
7 prefix of F- or A-;

8 “(ii) is manned by one or two crew-  
9 members; and

10 “(iii) executes single-role or multi-role mis-  
11 sions, including air-to-air combat, air-to-ground  
12 attack, air interdiction, suppression or destruc-  
13 tion of enemy air defenses, close air support,  
14 strike control and reconnaissance, combat search  
15 and rescue support, or airborne forward air con-  
16 trol.

17 “(B) The term ‘primary mission aircraft inven-  
18 tory’ means aircraft assigned to meet the primary  
19 aircraft authorization to a unit for the performance  
20 of its wartime mission.”.

21 (b) *LIMITATION ON RETIREMENT OF AIR FORCE*  
22 *FIGHTER AIRCRAFT.*—

23 (1) *LIMITATION.*—*Except as provided under sub-*  
24 *section (d), the Secretary of the Air Force may not*  
25 *proceed with a decision to retire fighter aircraft in*

1     *any number that would reduce the total number of*  
2     *such aircraft in the Air Force total active inventory*  
3     *(TAI) below 1,970, and shall maintain a minimum*  
4     *of 1,145 fighter aircraft designated as primary mis-*  
5     *sion aircraft inventory (PMAI).*

6             (2) *ADDITIONAL LIMITATIONS ON RETIREMENT*  
7     *OF FIGHTER AIRCRAFT.—Except as provided under*  
8     *subsection (d), the Secretary of the Air Force may not*  
9     *retire fighter aircraft from the total active inventory*  
10    *as of the date of the enactment of this Act until the*  
11    *later of the following:*

12             (A) *The date that is 30 days after the date*  
13             *on which the Secretary submits the report re-*  
14             *quired under paragraph (3).*

15             (B) *The date that is 30 days after the date*  
16             *on which the Secretary certifies to the congress-*  
17             *sional defense committees that—*

18                 (i) *the retirement of such fighter air-*  
19                 *craft will not increase the operational risk*  
20                 *of meeting the National Defense Strategy;*  
21                 *and*

22                 (ii) *the retirement of such aircraft will*  
23                 *not reduce the total fighter force structure*  
24                 *below 1,970 fighter aircraft or the primary*  
25                 *mission aircraft inventory below 1,145.*

1           (3) *REPORT ON RETIREMENT OF AIRCRAFT.*—  
2           *The Secretary of the Air Force shall submit to the*  
3           *congressional defense committees a report setting forth*  
4           *the following:*

5                   (A) *The rationale for the retirement of exist-*  
6                   *ing fighter aircraft and an operational analysis*  
7                   *of replacement fighter aircraft that demonstrates*  
8                   *performance of the designated mission at an*  
9                   *equal or greater level of effectiveness as the retir-*  
10                  *ing aircraft.*

11                  (B) *An assessment of the implications for*  
12                  *the Air Force, the Air National Guard, and the*  
13                  *Air Force Reserve of the force mix ratio of fight-*  
14                  *er aircraft.*

15                  (C) *Such other matters relating to the re-*  
16                  *irement of fighter aircraft as the Secretary con-*  
17                  *siders appropriate.*

18           (c) *REPORTS ON FIGHTER AIRCRAFT.*—

19                   (1) *IN GENERAL.*—*Except as provided under*  
20                   *subsection (d), at least 90 days before the date on*  
21                   *which a fighter aircraft is retired, the Secretary of the*  
22                   *Air Force, in consultation with (where applicable) the*  
23                   *Director of the Air National Guard or Chief of the*  
24                   *Air Force Reserve, shall submit to the congressional*

1       *defense committees a report on the proposed force*  
2       *structure and basing of fighter aircraft.*

3               (2) *ELEMENTS.*—*Each report submitted under*  
4       *paragraph (1) shall include the following elements:*

5               (A) *A list of each fighter aircraft proposed*  
6       *for retirement, including for each such aircraft—*

7                       (i) *the mission design series type;*

8                       (ii) *the variant; and*

9                       (iii) *the assigned unit and military in-*  
10       *stallation where such aircraft is based.*

11               (B) *A list of each unit affected by a pro-*  
12       *posed retirement listed under subparagraph (A)*  
13       *and a description of how such unit is affected.*

14               (C) *For each military installation and unit*  
15       *listed under subparagraph (A)(iii), a description*  
16       *of changes, if any, to the designed operational*  
17       *capability (DOC) statement of the unit as a re-*  
18       *sult of a proposed retirement.*

19               (D) *A description of any anticipated*  
20       *changes in manpower authorizations as a result*  
21       *of a proposed retirement listed under subpara-*  
22       *graph (A).*

23       (d) *EXCEPTION FOR CERTAIN AIRCRAFT.*—*The re-*  
24       *quirements of subsections (b) and (c) do not apply to indi-*  
25       *vidual fighter aircraft that the Secretary of the Air Force*

1 *determines, on a case-by-case basis, to be non-operational*  
 2 *because of mishaps, other damage, or being uneconomical*  
 3 *to repair.*

4 *(e) FIGHTER AIRCRAFT DEFINED.—In this section, the*  
 5 *term “fighter aircraft” has the meaning given the term in*  
 6 *subsection (i)(2)(A) of section 8062 of title 10, United*  
 7 *States Code, as added by subsection (a) of this section.*

8 **SEC. 132. COMPTROLLER GENERAL REVIEW OF TOTAL**  
 9 **FORCE INTEGRATION INITIATIVES FOR RE-**  
 10 **SERVE COMPONENT RESCUE SQUADRONS.**

11 *(a) COMPTROLLER GENERAL REVIEW.—Not later than*  
 12 *June 30, 2018, the Comptroller General of the United States*  
 13 *shall review the Air Force fielding plan for the HH–60 re-*  
 14 *placement programs and submit to the congressional defense*  
 15 *committees a report on the plan.*

16 *(b) BRIEFING.—Not later than March 1, 2018, the*  
 17 *Comptroller General shall provide a briefing to the congres-*  
 18 *sional defense committees on the plan.*

19 *(c) ELEMENTS.—The review received under subsection*  
 20 *(a) shall include, with respect to the HH–60 replacement*  
 21 *programs, the following elements:*

22 *(1) A description of the National Commission on*  
 23 *the Structure of the Air Force’s recommendations re-*  
 24 *garding the use of concurrent and proportional field-*  
 25 *ing and how the Air Force applied these principles in*

1 *the fielding plan for the HH-60G replacement pro-*  
2 *grams.*

3 (2) *An evaluation of the Air Force’s fielding*  
4 *plan for the HH-60G replacement programs, includ-*  
5 *ing an assessment of the Air Force’s rationale for the*  
6 *plan, as well as the alternative fielding plans consid-*  
7 *ered by the Air Force.*

8 (3) *An evaluation of the potential readiness im-*  
9  *pact of the Air Force’s fielding plan on active duty,*  
10 *National Guard, and Reserve units, including the*  
11 *ability to meet training, maintenance, and deploy-*  
12 *ment requirements, as well as the implications for*  
13 *total force integration initiatives should the fielding*  
14 *not be proportional.*

15 (d) *HH-60G REPLACEMENT PROGRAMS DEFINED.—*  
16 *In this section, the term “HH-60G replacement programs”*  
17 *means the HH-60G Ops Loss Replacement and HH-60W*  
18 *Combat Rescue Helicopter programs.*

19 **SEC. 133. AUTHORITY TO INCREASE PRIMARY AIRCRAFT AU-**  
20 **THORIZATION OF AIR FORCE AND AIR NA-**  
21 **TIONAL GUARD A-10 AIRCRAFT UNITS FOR**  
22 **PURPOSES OF FACILITATING A-10 CONVER-**  
23 **SION.**

24 *In the event that conversion of an A-10 aircraft unit*  
25 *is in the best interest of a long-term Air Force mission, the*

1 *Secretary of the Air Force may increase the Primary Air-*  
2 *craft Authorization of Air Force Reserve or Air National*  
3 *Guard A-10 units to 24 aircraft to facilitate such conver-*  
4 *sion.*

5 **SEC. 134. REQUIREMENT FOR CONTINUATION OF E-8**  
6 **JSTARS RECAPITALIZATION PROGRAM.**

7 *If the Secretary of the Air Force proposes in a budget*  
8 *request to cancel or modify the current E-8C JSTARS re-*  
9 *capitalization program as presented to Congress in May*  
10 *2017, the Secretary of Defense shall submit a report at the*  
11 *same time as the Secretary of the Air Force makes such*  
12 *a request budget request. That report shall set forth the fol-*  
13 *lowing:*

14 (1) *The rationale and appropriate supporting*  
15 *analysis for the proposed cancellation or modifica-*  
16 *tion.*

17 (2) *An assessment of the implications of such*  
18 *cancellation or modification for the Air Force, Air*  
19 *National Guard, Army, Army National Guard, Navy*  
20 *and Marine Corps, and combatant commands' mis-*  
21 *sion needs.*

22 (3) *A certification that such cancellation or*  
23 *modification of the previous recapitalization program*  
24 *plan would not result in an increased time during*  
25 *which there is a capability gap in providing Battle-*

1 *field Management, Command and Control/Intel-*  
2 *ligence, Surveillance, and Reconnaissance (BMC2/*  
3 *ISR) to the combatant commanders.*

4 *(4) Such other matters relating to the proposed*  
5 *cancellation or modification as the Secretary con-*  
6 *siders appropriate.*

7 **SEC. 135. PROHIBITION ON AVAILABILITY OF FUNDS FOR**  
8 **RETIREMENT OF E-8 JSTARS AIRCRAFT.**

9 *(a) PROHIBITION ON AVAILABLE OF FUNDS FOR RE-*  
10 *TIREMENT.—Except as provided by subsection (b), none of*  
11 *the funds authorized to be appropriated by this Act or other-*  
12 *wise made available for fiscal year 2018 for the Air Force*  
13 *may be obligated or expended to retire, or prepare to retire,*  
14 *any E-8 Joint Surveillance Target Attack Radar System*  
15 *aircraft.*

16 *(b) EXCEPTION.—The prohibition in subsection (a)*  
17 *shall not apply to individual Joint Surveillance Target At-*  
18 *tack Radar System aircraft that the Secretary of the Air*  
19 *Force determines, on a case-by-case basis, to be non-oper-*  
20 *ational because of mishaps, other damage, or being uneco-*  
21 *nomical to repair.*

1       ***Subtitle E—Defense-wide, Joint,***  
2       ***and Multiservice Matters***

3       **SEC. 141. F-35 ECONOMIC ORDER QUANTITY CONTRACTING**

4               **AUTHORITY.**

5           (a) *IN GENERAL.*—*The Secretary of Defense may enter*  
6 *into one or more contracts during fiscal year 2018 for the*  
7 *procurement of economic order quantities of material and*  
8 *equipment that has completed formal hardware qualifica-*  
9 *tion testing for the F-35 aircraft for use in procurement*  
10 *contracts to be awarded during fiscal years 2019 and 2020.*  
11 *The total amount obligated under all contracts entered into*  
12 *under this section shall not exceed \$661,000,000.*

13           (b) *AUTHORITY.*—*To the extent that funds are other-*  
14 *wise available for obligation, the Secretary may enter into*  
15 *economic order quantity contracts for purchases under this*  
16 *section whenever the Secretary finds each of the following:*

17               (1) *That the use of such a contract will result in*  
18 *significant savings of the total anticipated costs of*  
19 *carrying out the program through annual contracts.*

20               (2) *That the minimum need for the property to*  
21 *be purchased is expected to remain substantially un-*  
22 *changed during the contemplated contract period in*  
23 *terms of production rate, procurement rate, and total*  
24 *quantities.*

1           (3) *That there is a reasonable expectation that*  
2 *throughout the contemplated contract period the Sec-*  
3 *retary will request funding for the contract at the*  
4 *level required to avoid contract cancellation.*

5           (4) *That there is a stable design for the property*  
6 *to be acquired and that the technical risks associated*  
7 *with such property are not excessive.*

8           (5) *That the estimates of both the cost of the con-*  
9 *tract and the anticipated cost avoidance through the*  
10 *use of an economic order quantity contract are real-*  
11 *istic.*

12           (6) *That the use of such a contract will promote*  
13 *the national security of the United States.*

14       (c) *CERTIFICATION REQUIREMENT.*—*A contract may*  
15 *not be entered into under this section unless the Secretary*  
16 *of Defense certifies in writing, not later than 30 days before*  
17 *entry into the contract, that each of the following conditions*  
18 *is satisfied:*

19           (1) *The Secretary has determined that each of*  
20 *the requirements in paragraphs (1) through (6) of*  
21 *subsection (b) will be met by such contract and has*  
22 *provided the basis for such determination to the con-*  
23 *gressional defense committees.*

24           (2) *Confirmation that the preliminary findings*  
25 *of the Secretary under paragraph (1) were made after*

1     *the completion of a cost analysis performed by the Di-*  
2     *rector of Cost Assessment and Program Evaluation*  
3     *for the purpose of section 2334(e)(1) of title 10,*  
4     *United States Code, and that the analysis supports*  
5     *those preliminary findings.*

6             *(3) A sufficient number of end items of the sys-*  
7     *tem being acquired under such contract have been de-*  
8     *livered at or within the most current estimates of the*  
9     *program acquisition unit cost or procurement unit*  
10    *cost for such system to determine that current esti-*  
11    *mates of such unit costs are realistic.*

12            *(4) During the fiscal year in which such contract*  
13    *is to be awarded, sufficient funds will be available to*  
14    *perform the contract in such fiscal year, and the fu-*  
15    *ture-years defense program for such fiscal year will*  
16    *include the funding required to execute the program*  
17    *without cancellation.*

18            *(5) The contract is a fixed price type contract.*

19            *(6) The proposed contract provides for produc-*  
20    *tion at not less than minimum economic rates given*  
21    *the existing tooling and facilities.*

1 **SEC. 142. AUTHORITY FOR EXPLOSIVE ORDNANCE DIS-**  
2 **POSAL UNITS TO ACQUIRE NEW OR EMERG-**  
3 **ING TECHNOLOGIES AND CAPABILITIES.**

4 *The Secretary of Defense may provide Explosive Ord-*  
5 *nance Disposal (EOD) units with the authority to acquire*  
6 *new or emerging EOD technologies and capabilities that are*  
7 *not specifically listed on the Table of Allowance (TOA) or*  
8 *Table of Equipment (TOE).*

9 **TITLE II—RESEARCH, DEVELOP-**  
10 **MENT, TEST, AND EVALUA-**  
11 **TION**

12 **Subtitle A—Authorization of**  
13 **Appropriations**

14 **SEC. 201. AUTHORIZATION OF APPROPRIATIONS.**

15 *Funds are hereby authorized to be appropriated for fis-*  
16 *cal year 2018 for the use of the Department of Defense for*  
17 *research, development, test, and evaluation as specified in*  
18 *the funding table in section 4201.*

19 **Subtitle B—Program Requirements,**  
20 **Restrictions, and Limitations**

21 **SEC. 211. MECHANISMS FOR EXPEDITED ACCESS TO TECH-**  
22 **NICAL TALENT AND EXPERTISE AT ACADEMIC**  
23 **INSTITUTIONS TO SUPPORT DEPARTMENT OF**  
24 **DEFENSE MISSIONS.**

25 *(a) ARRANGEMENTS AUTHORIZED.—*

1           (1) *IN GENERAL.*—*The Secretary of Defense may*  
2           *establish one or more multi-institution task order con-*  
3           *tracts, consortia, cooperative agreements, or other ar-*  
4           *rangements to facilitate expedited access to university*  
5           *technical expertise, including faculty, staff, and stu-*  
6           *dents, in support of Department of Defense missions*  
7           *in the areas specified in subsection (e).*

8           (2) *USE FOR TECHNICAL ANALYSES AND ENGI-*  
9           *NEERING SUPPORT.*—*The Secretary may use an ar-*  
10          *rangement under paragraph (1) to fund technical*  
11          *analyses and other engineering support as required to*  
12          *address acquisition and operational challenges, in-*  
13          *cluding support for classified programs and activities.*

14          (3) *PERFORMANCE BY DESIGNATED UNIVERSITY*  
15          *PERFORMER.*—*The Secretary shall ensure that work*  
16          *awarded through an arrangement under paragraph*  
17          *(1) is performed primarily by the designated univer-*  
18          *sity performer.*

19          (b) *LIMITATION.*—*An arrangement established under*  
20          *subsection (a)(1) may not be used to fund research pro-*  
21          *grams that can be executed through other Department of*  
22          *Defense basic research activities.*

23          (c) *CONSULTATION WITH OTHER DEPARTMENT OF*  
24          *DEFENSE ACTIVITIES.*—*An arrangement established under*  
25          *subsection (a)(1) shall, to the degree practicable, be made*

1 *in consultation with other Department of Defense activities,*  
2 *including federally funded research and development centers*  
3 *(FFRDCs), university affiliated research centers (UARCs),*  
4 *and Defense laboratories and test centers, for purposes of*  
5 *providing technical expertise and reducing costs and dupli-*  
6 *cative efforts.*

7       *(d) POLICIES AND PROCEDURES.—If the Secretary es-*  
8 *tablishes one or more arrangements under subsection (a)(1),*  
9 *the Secretary shall establish and implement policies and*  
10 *procedures to govern—*

11           *(1) selection of participants in the arrangement*  
12 *or arrangements;*

13           *(2) the awarding of task orders under the ar-*  
14 *rangement or arrangements;*

15           *(3) maximum award size for tasks under the ar-*  
16 *rangement or arrangements;*

17           *(4) the appropriate use of competitive awards*  
18 *and sole source awards under the arrangement or ar-*  
19 *rangements; and*

20           *(5) technical areas under the arrangement or ar-*  
21 *rangements.*

22       *(e) MISSION AREAS.—The areas specified in this sub-*  
23 *section are as follows:*

24           *(1) Cybersecurity.*

25           *(2) Air and ground vehicles.*

- 1           (3) *Shipbuilding.*
- 2           (4) *Explosives detection and defeat.*
- 3           (5) *Undersea warfare.*
- 4           (6) *Trusted electronics.*
- 5           (7) *Unmanned systems.*
- 6           (8) *Directed energy.*
- 7           (9) *Energy, power, and propulsion.*
- 8           (10) *Management science and operations re-*
- 9           *search.*
- 10          (11) *Artificial intelligence.*
- 11          (12) *Data analytics.*
- 12          (13) *Business systems.*
- 13          (14) *Technology transfer and transition.*
- 14          (15) *Biological engineering and genetic enhance-*
- 15          *ment.*
- 16          (16) *High performance computing.*
- 17          (17) *Materials science and engineering.*
- 18          (18) *Quantum information sciences.*
- 19          (19) *Special operations activities.*
- 20          (20) *Modeling and simulation.*
- 21          (21) *Autonomous systems.*
- 22          (22) *Model based engineering.*
- 23          (23) *Such other areas as the Secretary considers*
- 24          *appropriate.*

1       (f) *SUNSET.*—*The authorities under this section shall*  
 2 *expire on September 30, 2020.*

3       (g) *ARRANGEMENTS ESTABLISHED UNDER SUB-*  
 4 *SECTION (A)(1) DEFINED.*—*In this section, the term “ar-*  
 5 *angement established under subsection (a)(1)” means a*  
 6 *multi-institution task order contract, consortia, cooperative*  
 7 *agreement, or other arrangement established under sub-*  
 8 *section (a)(1).*

9       **SEC. 212. CODIFICATION AND ENHANCEMENT OF AUTHORI-**  
 10                               **TIES TO PROVIDE FUNDS FOR DEFENSE LAB-**  
 11                               **ORATORIES FOR RESEARCH AND DEVELOP-**  
 12                               **MENT OF TECHNOLOGIES FOR MILITARY MIS-**  
 13                               **SIONS.**

14       (a) *IN GENERAL.*—*Chapter 139 of title 10, United*  
 15 *States Code, is amended by inserting after section 2362 the*  
 16 *following new section:*

17       **“§ 2363. Mechanisms to provide funds for defense lab-**  
 18                               **oratories for research and development of**  
 19                               **technologies for military missions**

20       **“(a) MECHANISMS TO PROVIDE FUNDS.**—*(1) The Sec-*  
 21 *retary of Defense, in consultation with the Secretaries of*  
 22 *the military departments, shall establish mechanisms under*  
 23 *which the director of a defense laboratory may use an*  
 24 *amount of funds equal to not less than two percent and*

1 *not more than four percent of all funds available to the de-*  
2 *fense laboratory for the following purposes:*

3           “(A) *To fund innovative basic and applied re-*  
4 *search that is conducted at the defense laboratory and*  
5 *supports military missions.*

6           “(B) *To fund development programs that sup-*  
7 *port the transition of technologies developed by the de-*  
8 *fense laboratory into operational use.*

9           “(C) *To fund workforce development activities*  
10 *that improve the capacity of the defense laboratory to*  
11 *recruit and retain personnel with necessary scientific*  
12 *and engineering expertise that support military mis-*  
13 *sions.*

14           “(D) *To fund the revitalization recapitalization,*  
15 *or minor military construction of the laboratory in-*  
16 *frastructure and equipment, in accordance with sub-*  
17 *section (b).*

18           “(2) *The mechanisms established under paragraph (1)*  
19 *shall provide that funding shall be used under paragraph*  
20 *(1) at the discretion of the director of a defense laboratory*  
21 *in consultation with the science and technology executive*  
22 *of the military department concerned.*

23           “(3) *After consultation with the science and technology*  
24 *executive of the military department concerned, the director*  
25 *of a defense laboratory may charge customer activities a*

1 *fixed percentage fee, in addition to normal costs of perform-*  
2 *ance, in order to obtain funds to carry out activities author-*  
3 *ized by this subsection. The fixed fee may not exceed four*  
4 *percent of costs.*

5       “(b) *AVAILABILITY OF FUNDS FOR INFRASTRUCTURE*  
6 *PROJECTS.—(1) Subject to the provisions of this subsection,*  
7 *funds available under a mechanism under subsection*  
8 *(a)(1)(D) that are solely intended to carry out a laboratory*  
9 *infrastructure project shall be available for such project*  
10 *until expended.*

11       “(2) *Funds shall be available in accordance with para-*  
12 *graph (1) for a project referred to in such paragraph only*  
13 *if the Secretary notifies the congressional defense commit-*  
14 *tees of the total cost of the project before the date on which*  
15 *the Secretary uses a mechanism under subsection (a)(1)(D)*  
16 *for such project.*

17       “(3) *Funds may accumulate under a mechanism*  
18 *under subsection (a) for a project referred to in paragraph*  
19 *(1) for not more than five years.*

20       “(4) *The Secretary shall ensure that a project referred*  
21 *to in paragraph (1) for which funds are made available*  
22 *in accordance with such paragraph complies with the ap-*  
23 *plicable cost limitations in the following provisions of law:*

24               “(A) *Section 2805(d) of this title, with respect to*  
25 *revitalization and recapitalization projects.*

1           “(B) Section 2811 of this title, with respect to  
2       *repair projects.*

3           “(C) Section 2802 of this title, with respect to  
4       *construction projects that exceed the cost specified in*  
5       *subsection (a)(2) of section 2805 of this title for cer-*  
6       *tain unspecified minor military construction projects*  
7       *for laboratories.*

8           “(c) ANNUAL REPORT ON USE OF AUTHORITY.—Not  
9       *later than March 1 of each year, the Secretary of Defense*  
10       *shall submit to the congressional defense committees a re-*  
11       *port on the use of the authority under subsection (a) during*  
12       *the preceding year.”.*

13          (b) CLERICAL AMENDMENT.—*The table of sections at*  
14       *the beginning of chapter 139 of such title is amended by*  
15       *inserting after the item relating to section 2362 the fol-*  
16       *lowing new item:*

          “2363. *Mechanisms to provide funds for defense laboratories for research and de-*  
          *velopment of technologies for military missions.”.*

17          (c) CONFORMING AMENDMENTS.—(1) *Section 219 of*  
18       *the Duncan Hunter National Defense Authorization Act for*  
19       *Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2358*  
20       *note), is hereby repealed.*

21          (2) *Section 2805(d)(1)(B) of title 10, United States*  
22       *Code, is amended by striking “under section 219(a) of the*  
23       *Duncan Hunter National Defense Authorization Act for*

1 *Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2358*  
2 *note)*” and inserting “section 2363(a) of this title”.

3 **SEC. 213. MODIFICATION OF LABORATORY QUALITY EN-**  
4 **HANCEMENT PROGRAM.**

5 (a) *IN GENERAL.*—Section 211 of the National Defense  
6 Authorization Act for Fiscal Year 2017 (Public Law 114–  
7 328) is amended—

8 (1) in subsection (a)(1)—

9 (A) in subparagraph (A), by striking “;  
10 and” and inserting a semicolon;

11 (B) in subparagraph (B), by striking the  
12 semicolon and inserting “; and”; and

13 (C) by adding at the end the following new  
14 subparagraph:

15 “(C) new interpretations of existing statutes  
16 and regulations that would enhance the ability of  
17 a director of a science and technology reinven-  
18 tion laboratory to manage the facility and dis-  
19 charge the mission of the laboratory;”;

20 (2) in subsection (d), by adding at the end the  
21 following new paragraph:

22 “(3)(A) Each panel described in paragraph (1), (2),  
23 or (3) of subsection (b) shall submit to the panel described  
24 in paragraph (4) of such subsection (relating to governance  
25 and oversight processes) the following:

1           “(i) *The findings of the panel with respect to the*  
2 *review conducted by the panel under subsection*  
3 *(a)(1)(C).*

4           “(ii) *The recommendations made by the panel*  
5 *under such subsection.*

6           “(iii) *Such comments, findings, and rec-*  
7 *ommendations as the panel may have received by a*  
8 *science and technology reinvention laboratory with re-*  
9 *spect to—*

10           “(I) *the review conducted by the panel*  
11 *under such subsection; or*

12           “(II) *recommendations made by the panel*  
13 *under such subsection.*

14           “(B)(i) *The panel described in subsection (b)(4) shall*  
15 *review and refashion such recommendations as the panel*  
16 *may receive under subparagraph (A).*

17           “(ii) *In reviewing and refashioning recommendations*  
18 *under clause (i), the panel may, as the panel considers ap-*  
19 *propriate, consult with the science and technology executive*  
20 *of the affected service.*

21           “(C) *The panel described in subsection (b)(4) shall sub-*  
22 *mit to the Under Secretary of Defense for Research and En-*  
23 *gineering the recommendations made by the panel under*  
24 *subsection (a)(1)(C) and the recommendations refashioned*  
25 *by the panel under subparagraph (B) of this paragraph.”;*

1           (3) by redesignating subsections (e) and (f) as  
2           subsection (f) and (g), respectively; and

3           (4) by inserting after subsection (d) the following  
4           new subsection (e):

5           “(e) *INTERPRETATION OF PROVISIONS OF LAW.—(1)*  
6           *The Under Secretary of Defense for Research and Engineer-*  
7           *ing, acting under the guidance of the Secretary, shall issue*  
8           *regulations regarding the meaning, scope, implementation,*  
9           *and applicability of any provision of a statute relating to*  
10           *a science and technology reinvention laboratory.*

11           “(2) *In interpreting or defining under paragraph (1),*  
12           *the Under Secretary shall, to the degree practicable, empha-*  
13           *size providing the maximum operational flexibility to the*  
14           *directors of the science and technology reinvention labora-*  
15           *tories to discharge the missions of their laboratories.*

16           “(3) *In interpreting or defining under paragraph (1),*  
17           *the Under Secretary shall seek recommendations from the*  
18           *panel described in subsection (b)(4).”.*

19           (b) *TECHNICAL CORRECTIONS.—(1) Subsections (a),*  
20           *(c)(1)(C), and (d)(2) of such section are amended by strik-*  
21           *ing “Assistant Secretary” each place it appears and insert-*  
22           *ing “Under Secretary”.*

23           (2) *Subparagraph (C) of section 342(b)(3) of the Na-*  
24           *tional Defense Authorization Act for Fiscal Year 1995 (Pub-*  
25           *lic Law 103–337), as amended by section 211(f) of the Na-*

1 *tional Defense Authorization Act for Fiscal Year 2017 (Pub-*  
 2 *lic Law 114–328), as redesignated by subsection (a)(3) of*  
 3 *this section, is amended by striking “Assistant Secretary”*  
 4 *and inserting “Under Secretary”.*

5 **SEC. 214. PRIZES FOR ADVANCED TECHNOLOGY ACHIEVE-**  
 6 **MENTS.**

7 *Section 2374a of title 10, United States Code, is*  
 8 *amended—*

9 *(1) in subsection (a), by striking “in recognition*  
 10 *of” and inserting “and other types of prizes that the*  
 11 *Secretary determines are appropriate to recognize”;*

12 *(2) in subsection (c), by striking “cash” both*  
 13 *places it appears;*

14 *(3) in subsection (e)—*

15 *(A) by striking “and from State and local*  
 16 *governments” and inserting “, from State and*  
 17 *local governments, and from the private sector”;*  
 18 *and*

19 *(B) by adding at the end the following:*

20 *“The Secretary may not give any special consid-*  
 21 *eration to any private sector entity in return for*  
 22 *a donation.”; and*

23 *(4) by amending subsection (f) to read as follows:*

24 *“(f) USE OF PRIZE AUTHORITY.—Use of prize author-*  
 25 *ity under this section shall be considered the use of competi-*

1 *tive procedures for the purposes of section 2304 of this*  
 2 *title.”.*

3 **SEC. 215. EXPANSION OF DEFINITION OF COMPETITIVE**  
 4 **PROCEDURES TO INCLUDE COMPETITIVE SE-**  
 5 **LECTION FOR AWARD OF RESEARCH AND DE-**  
 6 **VELOPMENT PROPOSALS.**

7 *Section 2302(2)(B) of title 10, United States Code, is*  
 8 *amended by striking “basic research” and inserting “re-*  
 9 *search and development”.*

10 **SEC. 216. INCLUSION OF MODELING AND SIMULATION IN**  
 11 **TEST AND EVALUATION ACTIVITIES FOR PUR-**  
 12 **POSES OF PLANNING AND BUDGET CERTIFI-**  
 13 **CATION.**

14 *Section 196 of title 10, United States Code, is amend-*  
 15 *ed—*

16 *(1) in subsection (d)(1), in the first sentence, by*  
 17 *inserting “, including modeling and simulation capa-*  
 18 *bilities” after “and resources”; and*

19 *(2) in subsection (e)(1), by inserting “, including*  
 20 *modeling and simulation activities,” after “evalua-*  
 21 *tion activities”.*

22 **SEC. 217. DIFFERENTIATION OF RESEARCH AND DEVELOP-**  
 23 **MENT ACTIVITIES FROM SERVICE ACTIVITIES.**

24 *(a) IN GENERAL.—For the purposes of activities and*  
 25 *programs carried out by the Department of Defense, re-*

1 *search and development activities, including activities*  
2 *under the Small Business Innovation Research Program*  
3 *(SBIR) or the Small Business Technology Transfer Pro-*  
4 *gram (STTR), shall be considered as separate and distinct*  
5 *from contract service activities.*

6 (b) *GUIDANCE.*—*Not later than 180 days after the date*  
7 *of the enactment of this Act, the Secretary of Defense shall*  
8 *issue updated guidance to carry out this section.*

9 (c) *DEFINITIONS.*—

10 (1) *IN GENERAL.*—*In this section:*

11 (A) *The term “advisory and assistance serv-*  
12 *ice” has the meaning given such term in section*  
13 *1105(g)(2) of title 31, United States Code.*

14 (B) *The term “research and development ac-*  
15 *tivities”—*

16 (i) *means—*

17 (I) *creative work undertaken on a*  
18 *systematic basis in order to increase*  
19 *the stock of knowledge, including the*  
20 *knowledge of man, culture, and society;*  
21 *and*

22 (II) *the use of the stock of knowl-*  
23 *edge described in subparagraph (A) to*  
24 *devise new applications; and*

1                   (ii) includes activities described in sec-  
2                   tion 9 of the Small Business Act (15 U.S.C.  
3                   638).

4                   (C) The term “contract service activities”  
5                   has the meaning given the term “contract serv-  
6                   ices” in section 2330(c) of title 10, United States  
7                   Code.

8                   (D) The terms “Small Business Innovation  
9                   Research Program” and “Small Business Tech-  
10                  nology Transfer Program” have the meanings  
11                  given such terms in section 9(e) of the Small  
12                  Business Act (15 U.S.C. 638(e)).

13                  (2) *DEFINITION OF SERVICES FOR PURPOSES OF*  
14                  *REQUIREMENTS RELATING TO TRACKING OF PUR-*  
15                  *CHASES OF SERVICES.*—Section 2330a(h) of title 10,  
16                  United States Code, is amended by inserting after  
17                  paragraph (4) the following new paragraph:

18                  “(5) *SERVICES.*—The term ‘services’ has the  
19                  meaning given the term ‘contract services’ in section  
20                  2330(c) of this title.”.

21 **SEC. 218. DESIGNATION OF ADDITIONAL DEPARTMENT OF**  
22                   **DEFENSE SCIENCE AND TECHNOLOGY RE-**  
23                   **INVENTION LABORATORIES.**

24                  Section 1105(a) of the National Defense Authorization  
25                  Act for Fiscal Year 2010 (Public Law 111–84; 10 U.S.C.

1 2358 note) is amended by adding at the end the following  
2 new paragraphs:

3           “(20) *The Air Force Office of Scientific Re-*  
4 *search.*”

5           “(21) *The 711th Human Performance Wing of*  
6 *the Air Force Research Laboratory.*”

7           “(22) *The Air Vehicles Directorate of the Air*  
8 *Force Research Laboratory.*”

9           “(23) *The Directed Energy Directorate of the Air*  
10 *Force Research Laboratory.*”

11           “(24) *The Information Directorate of the Air*  
12 *Force Research Laboratory.*”

13           “(25) *The Materials and Manufacturing Direc-*  
14 *torate of the Air Force Research Laboratory.*”

15           “(26) *The Munitions Directorate of the Air Force*  
16 *Research Laboratory.*”

17           “(27) *The Propulsion Directorate of the Air*  
18 *Force Research Laboratory.*”

19           “(28) *The Sensors Directorate of the Air Force*  
20 *Research Laboratory.*”

21           “(29) *The Space Vehicles Directorate of the Air*  
22 *Force Research Laboratory.*”

23           “(30) *The Naval Facilities Engineering and Ex-*  
24 *peditionary Warfare Center.*”.

1 **SEC. 219. DEPARTMENT OF DEFENSE DIRECTED ENERGY**  
2 **WEAPON SYSTEM PROTOTYPING AND DEM-**  
3 **ONSTRATION PROGRAM.**

4 (a) *ESTABLISHMENT.*—*The Secretary of Defense, act-*  
5 *ing through the Under Secretary, shall establish a program*  
6 *on the prototyping and demonstration of directed energy*  
7 *weapon systems to build and maintain the military superi-*  
8 *ority of the United States by—*

9 (1) *accelerating the fielding of directed energy*  
10 *weapon systems that would help counter technological*  
11 *advantages of potential adversaries of the United*  
12 *States; and*

13 (2) *supporting the military departments, the*  
14 *combatant commanders, the United States Special*  
15 *Operations Command, and the Missile Defense Agen-*  
16 *cy in developing prototypes and demonstrating oper-*  
17 *ational utility of high energy lasers and high powered*  
18 *microwave weapon systems.*

19 (b) *GUIDELINES.*—

20 (1) *IN GENERAL.*—*Not later than 180 days after*  
21 *the date of the enactment of this Act, the Under Sec-*  
22 *retary shall issue guidelines for the operation of the*  
23 *program established under subsection (a), including—*

24 (A) *criteria for an application for funding*  
25 *by a military department, defense agency, or a*  
26 *combatant command;*

1           (B) the priorities, if any, to be provided to  
2           field directed energy weapon system technologies  
3           developed by research funding of the Department  
4           or industry; and

5           (C) criteria for evaluation of an application  
6           for funding or changes to policies or acquisition  
7           and business practices by such a department,  
8           agency, or command for purposes of improving  
9           the effectiveness and efficiency of the Program.

10          (2) *LIMITATION.*—Funding for a military de-  
11          partment, defense agency, or combatant command  
12          under the program established under subsection (a)  
13          may only be available for advanced technology devel-  
14          opment, prototyping, and demonstrations in which  
15          the Department of Defense maintains management of  
16          the technical baseline and a primary emphasis on  
17          technology transition and evaluating military utility  
18          to enhance the likelihood that the particular directed  
19          energy weapon system will meet the Department end  
20          user’s need.

21          (c) *APPLICATIONS FOR FUNDING.*—

22          (1) *IN GENERAL.*—Not less frequently than once  
23          each year, the Under Secretary shall solicit from the  
24          heads of the military departments, the defense agen-  
25          cies, and the combatant commands applications for

1 *funding under the program established under sub-*  
2 *section (a) to be used to enter into contracts, coopera-*  
3 *tive agreements, or other transaction agreements en-*  
4 *tered into pursuant to section 2371b of title 10,*  
5 *United States Code, with appropriate entities for the*  
6 *fielding or commercialization of technologies.*

7 (2) *TREATMENT PURSUANT TO CERTAIN CON-*  
8 *GRESSIONAL RULES.*—*Nothing in this section shall be*  
9 *construed to require any official of the Department of*  
10 *Defense to provide funding under the program to any*  
11 *congressional earmark as defined pursuant to clause*  
12 *9 of rule XXI of the Rules of the House of Representa-*  
13 *tives or any congressionally directed spending item as*  
14 *defined pursuant to paragraph 5 of rule XLIV of the*  
15 *Standing Rules of the Senate.*

16 (d) *FUNDING.*—

17 (1) *IN GENERAL.*—*Except as provided in para-*  
18 *graph (2) and subject to the availability of appro-*  
19 *priations for such purpose, of the funds authorized to*  
20 *be appropriated by this Act or otherwise made avail-*  
21 *able for fiscal year 2018 for research, development,*  
22 *test, and evaluation, defense-wide, \$200,000,000 shall*  
23 *be available to the Under Secretary to allocate to the*  
24 *military departments, the defense agencies, and the*

1        *combatant commands to carry out the program estab-*  
2        *lished under subsection (a).*

3            (2) *LIMITATION.*—*Not more than half of the*  
4        *amounts made available under paragraph (1) may be*  
5        *allocated as described in such paragraph until the*  
6        *Under Secretary—*

7            (A) *develops the strategic plan required by*  
8        *section 219(a)(2)(A) of the National Defense Au-*  
9        *thorization Act for Fiscal Year 2017 (Public*  
10       *Law 114–328; 10 U.S.C. 2431 note); and*

11           (B) *submits such strategic plan to the con-*  
12       *gressional defense committees.*

13        (e) *DESIGNATION OF UNDER SECRETARY OF DEFENSE*  
14       *FOR RESEARCH AND ENGINEERING AS THE OFFICIAL WITH*  
15       *PRINCIPAL RESPONSIBILITY FOR DEVELOPMENT AND DEM-*  
16       *ONSTRATION OF DIRECTED ENERGY WEAPONS.*—*Section*  
17       *219(a)(1) of the National Defense Authorization Act for Fis-*  
18       *cal Year 2017 (Public Law 114–328; 10 U.S.C. 2431 note)*  
19       *is amended by striking “Not later” and all that follows*  
20       *through “of Defense” and inserting “The Under Secretary*  
21       *of Defense for Research and Engineering shall serve”.*

22        (f) *UNDER SECRETARY DEFINED.*—*In this section, the*  
23       *term “Under Secretary” means the Under Secretary of De-*  
24       *fense for Research and Engineering in the Under Sec-*  
25       *retary’s capacity as the official with principal responsi-*

1 *bility for the development and demonstration of directed en-*  
2 *ergy weapons pursuant to section 219(a)(1) of such Act*  
3 *(Public Law 114–328; 10 U.S.C. 2431 note), as amended*  
4 *by subsection (e).*

5 **SEC. 220. AUTHORITY FOR THE UNDER SECRETARY OF DE-**  
6 **FENSE FOR RESEARCH AND ENGINEERING TO**  
7 **PROMOTE INNOVATION IN THE DEPARTMENT**  
8 **OF DEFENSE.**

9 *The Secretary of Defense shall establish procedures*  
10 *under which the Under Secretary of Defense for Research*  
11 *and Engineering may request a time-limited review and*  
12 *if necessary require coordination on and modification of*  
13 *proposed directives, rules, regulations, and other policies*  
14 *that in Under Secretary's view would adversely affect the*  
15 *ability of the innovation, research, and engineering enter-*  
16 *prise of the Department of Defense to effectively and effi-*  
17 *ciently execute its missions, including policies and practices*  
18 *concerning the following:*

- 19 (1) *Personnel and talent management.*
- 20 (2) *Financial management and budgeting.*
- 21 (3) *Infrastructure, installations, and military*  
22 *construction.*
- 23 (4) *Acquisition.*
- 24 (5) *Management.*

1           (6) *Such other areas as the Secretary may des-*  
2       *ignate.*

3       **SEC. 221. LIMITATION ON AVAILABILITY OF FUNDS FOR F-**  
4                       **35 JOINT STRIKE FIGHTER FOLLOW-ON MOD-**  
5                       **ERNIZATION.**

6       *None of the funds authorized to be appropriated by this*  
7       *Act or otherwise made available for fiscal year 2018 or any*  
8       *other fiscal year for the Department of Defense may be obli-*  
9       *gated for F-35 Joint Strike Fighter Follow-On Moderniza-*  
10      *tion until the Secretary of Defense provides the final report*  
11      *required under section 224(d) of the National Defense Au-*  
12      *thorization Act for Fiscal Year 2017 (Public Law 114-328).*

13      **SEC. 222. IMPROVEMENT OF UPDATE PROCESS FOR**  
14                      **POPULATING MISSION DATA FILES USED IN**  
15                      **ADVANCED COMBAT AIRCRAFT.**

16      *(a) IMPROVEMENTS TO UPDATE PROCESS.—*

17              *(1) IN GENERAL.—The Secretary of Defense shall*  
18      *take such actions as may be necessary to improve the*  
19      *process used to update the mission data files used in*  
20      *advanced combat aircraft of the United States so that*  
21      *such updates can occur more quickly.*

22              *(2) REQUIREMENTS.—In improving the process*  
23      *under paragraph (1), the Secretary shall ensure the*  
24      *following:*

1           (A) That under such process, updates to the  
2           mission data files are developed, operationally  
3           tested, and loaded onto systems of advanced com-  
4           bat aircraft while in theaters of operation in a  
5           time-sensitive manner to allow for the distin-  
6           guishing of threats, including distinguishing  
7           friends from foes, loading and delivery of weapon  
8           suites, and coordination with allied and coaliti-  
9           on armed forces.

10           (B) When updates are made to the mission  
11           data files, all areas of responsibility (AoRs) are  
12           included.

13           (C) The process includes best practices relat-  
14           ing to such mission data files that have been  
15           identified by industry and allies of the United  
16           States.

17           (D) The process improves the exchange of  
18           information between weapons systems of the  
19           United States and weapon systems of allies and  
20           partners of the United States, with respect to  
21           such mission data files.

22           (b) *CONSULTATION AND PILOT PROGRAMS.*—In car-  
23           rying out subsection (a), the Secretary shall consult the in-  
24           novation organizations resident in the Department of De-

1 *fense and may consider carrying out a pilot program under*  
2 *another provision of this Act.*

3 (c) *REPORT.*—*Not later than March 31, 2018, the Sec-*  
4 *retary shall submit to the congressional defense committees*  
5 *a report on the actions taken by the Secretary under sub-*  
6 *section (a)(1) and how the process described in such sub-*  
7 *section has been improved.*

## 8 ***Subtitle C—Reports and Other*** 9 ***Matters***

### 10 ***SEC. 231. COMPETITIVE ACQUISITION PLAN FOR LOW PROB-*** 11 ***ABILITY OF DETECTION DATA LINK NET-*** 12 ***WORKS.***

13 (a) *PLAN REQUIRED.*—*The Under Secretary of De-*  
14 *fense for Acquisition, Technology, and Logistics and the*  
15 *Vice Chairman of the Joint Chiefs of Staff shall jointly,*  
16 *in consultation with the Secretary of the Navy and the Sec-*  
17 *retary of the Air Force, develop a plan to procure a secure,*  
18 *low probability of detection data link network capability*  
19 *with the ability to effectively operate in hostile jamming*  
20 *environments while preserving the low observable character-*  
21 *istics of the relevant platforms, between existing and*  
22 *planned—*

23 (1) *fifth-generation combat aircraft;*

24 (2) *fifth-generation and fourth-generation combat*  
25 *aircraft;*

1           (3) *fifth-generation and fourth-generation combat*  
2 *aircraft and appropriate support aircraft and other*  
3 *network nodes for command, control, communications,*  
4 *intelligence, surveillance, and reconnaissance pur-*  
5 *poses; and*

6           (4) *fifth-generation and fourth-generation combat*  
7 *aircraft and their associated network-enabled preci-*  
8 *sion weapons.*

9           (b) *ADDITIONAL PLAN REQUIREMENTS.—The plan re-*  
10 *quired by subsection (a) shall include—*

11           (1) *nonproprietary and open systems approaches*  
12 *compatible with the Rapid Capabilities Office Open*  
13 *Mission Systems initiative of the Air Force and the*  
14 *Future Airborne Capability Environment initiative*  
15 *of the Navy;*

16           (2) *a competitive acquisition process, to include*  
17 *comparative flight demonstrations in realistic air-*  
18 *borne environments; and*

19           (3) *low risk and affordable solutions with mini-*  
20 *mal impact or changes to existing host platforms, and*  
21 *minimal overall integration costs.*

22           (c) *BRIEFING.—Not later than February 15, 2018, the*  
23 *Under Secretary and the Vice Chairman shall provide to*  
24 *the congressional defense committees written documentation*  
25 *and briefing on the plan developed under subsection (a).*

1       (d) *LIMITATION.*—Of the funds authorized to be appro-  
2       priated by this Act or otherwise made available for fiscal  
3       year 2018 for operations and maintenance for the Office  
4       of the Secretary of Defense and the Office of the Chairman  
5       of the Joint Chiefs of Staff, not more than 85 percent may  
6       be obligated or expended until a period of 15 days has  
7       elapsed following the date on which the Under Secretary  
8       and Vice Chairman submits to the congressional defense  
9       committees the plan required by subsection (a).

10   **SEC. 232. CLARIFICATION OF SELECTION DATES FOR PILOT**  
11                   **PROGRAM FOR THE ENHANCEMENT OF THE**  
12                   **RESEARCH, DEVELOPMENT, TEST, AND EVAL-**  
13                   **UATION CENTERS OF THE DEPARTMENT OF**  
14                   **DEFENSE.**

15       Section 233 of the National Defense Authorization Act  
16       for Fiscal Year 2017 (Public Law 114–328) is amended—

17               (1) in subsection (b)(2), by striking “the enact-  
18       ment of this Act” both places it appears and inserting  
19       “such submittal”; and

20               (2) in subsection (c)(1), by striking “propose and  
21       implement” and inserting “submit to the Assistant  
22       Secretary concerned a proposal on, and implement,”.

1 **SEC. 233. REQUIREMENT FOR A PLAN TO BUILD A PROTO-**  
2 **TYPE FOR A NEW GROUND COMBAT VEHICLE**  
3 **FOR THE ARMY.**

4 (a) *IN GENERAL.*—Not later than 90 days after the  
5 date of the enactment of this Act, the Secretary of the Army  
6 shall submit to the congressional defense committees a plan  
7 to build a prototype for a new ground combat vehicle for  
8 the Army.

9 (b) *CONTENTS.*—The plan required by subsection (a)  
10 shall include the following:

11 (1) *A description of how the Secretary intends to*  
12 *exploit the latest enabling component technologies that*  
13 *have the potential to dramatically change basic com-*  
14 *bat vehicle design and improve lethality, protection,*  
15 *mobility, range, and sustainment, including an anal-*  
16 *ysis of capabilities of the most advanced foreign*  
17 *ground combat vehicles and whether any have charac-*  
18 *teristics that should inform the development of the*  
19 *Army’s prototype vehicle, including whether any*  
20 *United States allies or partners have advanced capa-*  
21 *bilities that could be directly incorporated in the pro-*  
22 *totype.*

23 (2) *The schedule, cost, key milestones, and lead-*  
24 *ership plan to rapidly design and build the prototype*  
25 *ground combat vehicle.*

1 **SEC. 234. PLAN FOR SUCCESSFULLY FIELDING THE INTE-**  
2 **GRATED AIR AND MISSILE DEFENSE BATTLE**  
3 **COMMAND SYSTEM.**

4 (a) *PLAN REQUIRED.*—Not later than 180 days after  
5 the date of the enactment of this Act, the Secretary of the  
6 Army shall submit to the congressional defense committees  
7 a plan to successfully field a suitable, survivable, and effec-  
8 tive Integrated Air and Missile Defense Battle Command  
9 System program.

10 (b) *LIMITATION.*—None of the funds authorized to be  
11 appropriated by this Act for research, development, test,  
12 and evaluation may be obligated by the Secretary of the  
13 Army for the Army Integrated Air and Missile Defense and  
14 the Integrated Air and Missile Defense Battle Command  
15 System until the date on which the plan is submitted under  
16 subsection (a).

17 **SEC. 235. SENSE OF CONGRESS ON HYPERSONIC WEAPONS.**

18 (a) *FINDINGS.*—Congress makes the following findings:

19 (1) *The United States has gained a thorough un-*  
20 *derstanding of hypersonic technology over the course*  
21 *of seven decades of experimentation.*

22 (2) *The requirements for technological break-*  
23 *throughs in hypersonics have largely been established,*  
24 *allowing pursuit of hypersonic glide weapons without*  
25 *a prohibitive budget effect.*

1           (3) *The Department of Defense has several*  
2 *hypersonic research and development efforts under-*  
3 *way, including conventional prompt global strike*  
4 *(CPS) weapons system, the Hypersonic Air-Breathing*  
5 *Weapon Concept, and the Tactical Boost Glide pro-*  
6 *gram.*

7           (4) *In testimony before the Committee on Armed*  
8 *Services of the Senate on April 4, 2017, the Com-*  
9 *mander of United States Strategic Command, Gen-*  
10 *eral John Hyten, identified the conventional prompt*  
11 *global strike weapons system as the “leading tech-*  
12 *nology maturation effort in the realm of hypersonics”*  
13 *and stated that his command sees “an operational*  
14 *need for a CPS capabilities by the mid-2020s.”*

15           (5) *Hypersonic weapons present a radical*  
16 *change in warfare, because they can circumvent many*  
17 *of the challenges associated with contested warfare*  
18 *and integrated air defenses.*

19           (6) *Hypersonic weapons may provide solutions*  
20 *to difficult problem sets, such as anti-access area de-*  
21  *denial schemes, deeply buried or hardened target sets,*  
22 *and mobile high value target sets.*

23           (7) *Other countries are aggressively pursuing*  
24 *hypersonic weapons at an alarming rate that threat-*  
25 *en to outpace the United States if the United States*

1     *does not more aggressively pursue development of*  
2     *hypersonic weapons.*

3             *(8) The Air Force has a \$10,000,000 requirement*  
4     *on the Unfunded Priority List for hypersonic proto-*  
5     *typing.*

6     **(b) SENSE OF CONGRESS.**—*It is the sense of Congress*  
7     *that—*

8             *(1) the Department of Defense should expedite*  
9     *testing, evaluation, and acquisition of hypersonic*  
10    *weapon systems to meet the stated needs of the*  
11    *warfighter;*

12            *(2) testing of such weapon systems should in-*  
13    *clude flight testing, ground based testing, and under-*  
14    *water launch testing;*

15            *(3) the Department of Defense should adhere to*  
16    *the requirement in section 1688 of the National De-*  
17    *fense Authorization Act for Fiscal Year 2017 (Public*  
18    *Law 114–328) to proceed to a Milestone A decision on*  
19    *the conventional prompt global strike weapons system*  
20    *not later than September 30, 2020, or the date that*  
21    *is 240 days after the successful completion of inter-*  
22    *mediate range flight 2 of such system;*

23            *(4) the United States cannot afford to lose its*  
24    *advantage over foreign countries in developing*  
25    *hypersonic weapons; and*

1           (5) *the Department of Defense should focus on*  
2           *the next generation of weapon systems, including*  
3           *third offset technologies, such as hypersonics.*

4 **SEC. 236. IMPORTANCE OF HISTORICALLY BLACK COL-**  
5           **LEGES AND UNIVERSITIES AND MINORITY-**  
6           **SERVING INSTITUTIONS.**

7           (a) *FINDINGS.—Congress finds that—*

8           (1) *historically Black colleges and universities*  
9           *(HBCUs) and minority-serving institutions play a*  
10           *vital role in educating low-income and underrep-*  
11           *resented students in areas of national need;*

12           (2) *HBCUs and minority-serving institutions*  
13           *presently are collaborating with the Department of*  
14           *Defense in research and development efforts that con-*  
15           *tribute to the defense readiness and national security*  
16           *of the Nation;*

17           (3) *by their research these institutions are help-*  
18           *ing to develop the next generation of scientists and*  
19           *engineers who will help lead the Department of De-*  
20           *fense in addressing high-priority national security*  
21           *challenges; and*

22           (4) *it is important to further engage HBCUs*  
23           *and minority-serving institutions in university re-*  
24           *search and innovation, especially in prioritizing soft-*  
25           *ware development and cyber security by utilizing ex-*

1 *isting Department of Defense labs, and collaborating*  
2 *with existing programs that help attract candidates,*  
3 *including programs like the Air Force Minority Lead-*  
4 *ers Programs, which recruit Americans from diverse*  
5 *background to serve their country through service in*  
6 *our Nation's military.*

7 *(b) INCREASE.—Funds authorized to be appropriated*  
8 *in Research, Development, Test, and Evaluation, Defense-*  
9 *wide, PE 61228D8Z, section 4201, for Basic Research, His-*  
10 *torically Black Colleges and Universities/Minority Institu-*  
11 *tions, Line 006, are hereby increased by \$12,000,000.*

12 *(c) OFFSET.—Funding in section 4101 for Other Pro-*  
13 *curement, Army, for Automated Data Processing Equip-*  
14 *ment, Line 108, is hereby reduced by \$12,000,000.*

15 **TITLE III—OPERATION AND**  
16 **MAINTENANCE**  
17 **Subtitle A—Authorization of**  
18 **Appropriations**

19 **SEC. 301. AUTHORIZATION OF APPROPRIATIONS.**

20 *Funds are hereby authorized to be appropriated for fis-*  
21 *cal year 2018 for the use of the Armed Forces and other*  
22 *activities and agencies of the Department of Defense for ex-*  
23 *penses, not otherwise provided for, for operation and main-*  
24 *tenance, as specified in the funding table in section 4301.*

1                   **Subtitle B—Logistics and**  
2                   **Sustainment**

3 **SEC. 311. SENTINEL LANDSCAPES PARTNERSHIP.**

4           (a) *ESTABLISHMENT.*—*The Secretary of Defense, in*  
5 *coordination with the Secretary of Agriculture and the Sec-*  
6 *retary of the Interior, may establish and carry out a pro-*  
7 *gram to preserve sentinel landscapes. The program shall be*  
8 *known as the “Sentinel Landscapes Partnership”.*

9           (b) *DESIGNATION OF SENTINEL LANDSCAPES.*—*The*  
10 *Secretary of Defense, in consultation with the Secretary of*  
11 *Agriculture and the Secretary of the Interior, may, as the*  
12 *Secretary determines appropriate, collectively designate one*  
13 *or more sentinel landscapes.*

14           (c) *COORDINATION OF ACTIVITIES.*—*The Secretaries*  
15 *may coordinate actions between their departments and with*  
16 *other agencies and private organizations to more efficiently*  
17 *work together for the mutual benefit of conservation, work-*  
18 *ing lands, and national defense, and to encourage private*  
19 *landowners to engage in voluntary land management and*  
20 *conservation activities that contribute to the sustainment*  
21 *of military installations, ranges, and airspace.*

22           (d) *PRIORITY CONSIDERATION.*—*The Secretary of Ag-*  
23 *riculture and the Secretary of the Interior may give to any*  
24 *eligible landowner or agricultural producer within a des-*  
25 *ignated sentinel landscape priority consideration for par-*

1 *ticipation in any easement, grant, or assistance programs*  
2 *administered by that Secretary’s department. Participation*  
3 *in any such program pursuant to this section shall be vol-*  
4 *untary.*

5 *(e) DEFINITIONS.—In this section:*

6 *(1) MILITARY INSTALLATION.—The term “mili-*  
7 *tary installation” has the same meaning as provided*  
8 *in section 670(1) of title 16, United States Code.*

9 *(2) STATE-OWNED NATIONAL GUARD INSTALLA-*  
10 *TION.—The term “State-owned National Guard in-*  
11 *stallation” has the same meaning as provided in sec-*  
12 *tion 670(3) of title 16, United States Code.*

13 *(3) SENTINEL LANDSCAPE.—The term “sentinel*  
14 *landscape” means a landscape-scale area encom-*  
15 *passing—*

16 *(A) one or more military installations or*  
17 *state-owned National Guard installations and*  
18 *associated airspace; and*

19 *(B) the working or natural lands that serve*  
20 *to protect and support the rural economy, the*  
21 *natural environment, outdoor recreation, and the*  
22 *national defense test and training missions of*  
23 *the military- or State-owned National Guard in-*  
24 *stallation or installations.*

1       (f) *CONFORMING AMENDMENT.*—Section 312(b) of the  
 2 *National Defense Authorization Act for Fiscal Year 2014*  
 3 *(Public Law 113–66; 127 Stat. 729; 10 U.S.C. 2684a note)*  
 4 *is repealed.*

5 **SEC. 312. INCREASED PERCENTAGE OF SUSTAINMENT**  
 6 **FUNDS AUTHORIZED FOR REALIGNMENT TO**  
 7 **RESTORATION AND MODERNIZATION AT**  
 8 **EACH INSTALLATION.**

9       (a) *IN GENERAL.*—The Secretary of Defense may au-  
 10 *thorize an installation commander to realign up to 7.5 per-*  
 11 *cent of an installation’s sustainment funds to restoration*  
 12 *and modernization.*

13       (b) *SUNSET.*—The authority under subsection (a) shall  
 14 *expire at the close of September 30, 2022.*

15       (c) *DEFINITIONS.*—The terms “sustainment”, “restora-  
 16 *tion*”, and “modernization” have the meanings given the  
 17 *terms in the Department of Defense Financial Management*  
 18 *Regulation.*

19                                   **Subtitle C—Reports**

20 **SEC. 321. PLAN FOR MODERNIZED, DEDICATED DEPART-**  
 21 **MENT OF THE NAVY ADVERSARY AIR TRAIN-**  
 22 **ING ENTERPRISE.**

23       (a) *PLAN REQUIRED.*—The Chief of Naval Operations  
 24 *and the Commandant of the Marine Corps shall develop a*  
 25 *plan—*

1           (1) to establish a modernized, dedicated adver-  
2 sary air training enterprise for the Department of the  
3 Navy in order to—

4           (A) maximize warfighting effectiveness and  
5 synergies of the current and planned fourth and  
6 fifth generation combat air forces through opti-  
7 mized training and readiness; and

8           (B) harness intelligence analysis, emerging  
9 live-virtual-constructive training technologies,  
10 range infrastructure improvements, and results  
11 of experimentation and prototyping efforts in  
12 operational concept development;

13          (2) to explore all available opportunities to chal-  
14 lenge the combat air forces of the Department of the  
15 Navy with threat representative adversary-to-friendly  
16 aircraft ratios, known and emerging adversary tac-  
17 tics, and high-fidelity replication of threat airborne  
18 and ground capabilities; and

19          (3) to execute all means available to achieve  
20 training and readiness goals and objectives of the  
21 Navy and Marine Corps with demonstrated institu-  
22 tional commitment to the adversary air training en-  
23 terprise through the application of Department of the  
24 Navy policy and resources, partnering with the other

1 *Armed Forces, allies, and friends, and employing the*  
 2 *use of industry contracted services.*

3 *(b) PLAN ELEMENTS.—The plan required under sub-*  
 4 *section (a) shall include enterprise goals, objectives, concepts*  
 5 *of operations, phased implementation timelines, analysis of*  
 6 *expected readiness improvements, prioritized resource re-*  
 7 *quirements, and such other matters as the Chief of Naval*  
 8 *Operations and Commandant of the Marine Corps consider*  
 9 *appropriate.*

10 *(c) SUBMITTAL OF PLAN AND BRIEFING.—Not later*  
 11 *than March 1, 2018, the Chief of Naval Operations and*  
 12 *Commandant of the Marine Corps shall provide to the Com-*  
 13 *mittees on Armed Services of the Senate and the House of*  
 14 *Representatives a written plan and briefing on the plan*  
 15 *required under subsection (a).*

## 16 ***Subtitle D—Other Matters***

### 17 **SEC. 331. DEFENSE SITING CLEARINGHOUSE.**

18 *(a) CODIFICATION.—Chapter 7 of title 10, United*  
 19 *States Code, is amended by inserting after section 183 the*  
 20 *following new section:*

#### 21 **“§ 183a. Defense Siting Clearinghouse for review of** 22 ***mission obstructions***

23 *“(a) ESTABLISHMENT.—(1) The Secretary of Defense*  
 24 *shall establish a Defense Siting Clearinghouse (in this sec-*  
 25 *tion referred to as the ‘Clearinghouse’).*

1       “(2) *The Clearinghouse shall be—*

2               “(A) *organized under the authority, direction,*  
3       *and control of an Assistant Secretary of Defense des-*  
4       *ignated by the Secretary; and*

5               “(B) *assigned such personnel and resources as*  
6       *the Secretary considers appropriate to carry out this*  
7       *section.*

8       “(b) *FUNCTIONS.—(1) The Clearinghouse shall coordi-*  
9       *nate Department of Defense review of applications for en-*  
10       *ergy projects filed with the Secretary of Transportation*  
11       *pursuant to section 44718 of title 49 and received by the*  
12       *Department of Defense from the Secretary of Transpor-*  
13       *tation.*

14       “(2) *The Clearinghouse shall accelerate the develop-*  
15       *ment of planning tools necessary to determine the accept-*  
16       *ability to the Department of Defense of proposals included*  
17       *in an application for an energy project submitted pursuant*  
18       *to such section.*

19       “(3) *The Clearinghouse shall perform such other func-*  
20       *tions as the Secretary of Defense assigns.*

21       “(c) *REVIEW OF PROPOSED ACTIONS.—(1) Not later*  
22       *than 30 days after receiving from the Secretary of Trans-*  
23       *portation a proper application for an energy project under*  
24       *section 44718 of title 49 that may have an adverse impact*  
25       *on military operations and readiness, the Clearinghouse*

1 *shall conduct a preliminary review of such application. The*  
2 *review shall—*

3           “(A) *assess the likely scope, duration, and level*  
4 *of risk of any adverse impact of such energy project*  
5 *on military operations and readiness; and*

6           “(B) *identify any feasible and affordable actions*  
7 *that could be taken by the Department, the developer*  
8 *of such energy project, or others to mitigate the ad-*  
9 *verse impact and to minimize risks to national secu-*  
10 *rity while allowing the energy project to proceed with*  
11 *development.*

12           “(2) *If the Clearinghouse determines under paragraph*  
13 *(1) that an energy project will have an adverse impact on*  
14 *military operations and readiness, the Clearinghouse shall*  
15 *issue to the applicant a notice of presumed risk that de-*  
16 *scribes the concerns identified by the Department in the pre-*  
17 *liminary review and requests a discussion of possible miti-*  
18 *gation actions.*

19           “(3) *At the same time that the Clearinghouse issues*  
20 *to the applicant a notice of presumed risk under paragraph*  
21 *(2), the Clearinghouse shall provide the same notice to the*  
22 *governor of the State in which the project is located and*  
23 *request that the governor provide the Clearinghouse any*  
24 *comments the governor believes of relevance to the applica-*  
25 *tion. The Secretary of Defense shall consider the comments*

1 *of the governor in the Secretary’s evaluation of whether the*  
2 *project presents an unacceptable risk to the national secu-*  
3 *rity of the United States and shall include the comments*  
4 *with the determination provided to the Secretary of Trans-*  
5 *portation pursuant to section 44718(f) of title 49.*

6       “(4) *The Clearinghouse shall develop, in coordination*  
7 *with other departments and agencies of the Federal Govern-*  
8 *ment, an integrated review process to ensure timely notifi-*  
9 *cation and consideration of energy projects filed with the*  
10 *Secretary of Transportation pursuant to section 44718 of*  
11 *title 49 that may have an adverse impact on military oper-*  
12 *ations and readiness.*

13       “(5) *The Clearinghouse shall establish procedures for*  
14 *the Department of Defense for the coordinated consideration*  
15 *of and response to a request for a review received from an-*  
16 *other Federal agency, a State government, an Indian tribal*  
17 *government, a local government, a landowner, or the devel-*  
18 *oper of an energy project, including guidance to personnel*  
19 *at each military installation in the United States on how*  
20 *to initiate such procedures and ensure a coordinated De-*  
21 *partment response.*

22       “(6) *The Clearinghouse shall develop procedures for*  
23 *conducting early outreach to parties carrying out energy*  
24 *projects that could have an adverse impact on military op-*  
25 *erations and readiness and to clearly communicate to such*

1 *parties actions being taken by the Department of Defense*  
2 *under this section. The procedures shall provide for filing*  
3 *by such parties of a project area and preliminary project*  
4 *layout at least one year before expected construction of any*  
5 *project proposed within a military training route or within*  
6 *line-of-sight of any air route surveillance radar or airport*  
7 *surveillance radar operated or used by the Department of*  
8 *Defense in order to provide adequate time for analysis and*  
9 *negotiation of mitigation options. Material marked as pro-*  
10 *prietary or competition sensitive by a party filing for this*  
11 *preliminary review shall be protected from public release*  
12 *by the Department of Defense.*

13       “(d) *COMPREHENSIVE REVIEW.—(1) The Secretary of*  
14 *Defense shall develop a comprehensive strategy for address-*  
15 *ing the military impacts of projects filed with the Secretary*  
16 *of Transportation pursuant to section 44718 of title 49.*

17       “(2) *In developing the strategy required by paragraph*  
18 *(1), the Secretary shall—*

19               “(A) *assess of the magnitude of interference*  
20 *posed by projects filed with the Secretary of Trans-*  
21 *portation pursuant to section 44718 of title 49;*

22               “(B) *for the purpose of informing preliminary*  
23 *reviews under subsection (c)(1) and early outreach ef-*  
24 *forts under subsection (c)(5), identify geographic*  
25 *areas selected as proposed locations for projects filed,*

1       or which may be filed in the future, with the Sec-  
2       retary of Transportation pursuant to section 44718 of  
3       title 49 where such projects could have an adverse im-  
4       pact on military operations and readiness and cat-  
5       egorize the risk of adverse impact in such areas; and

6               “(C) specifically identify feasible and affordable  
7       long-term actions that may be taken to mitigate ad-  
8       verse impacts of projects filed, or which may be filed  
9       in the future, with the Secretary of Transportation  
10      pursuant to section 44718 of title 49, on military op-  
11      erations and readiness, including—

12               “(i) investment priorities of the Department  
13      of Defense with respect to research and develop-  
14      ment;

15               “(ii) modifications to military operations to  
16      accommodate applications for such projects;

17               “(iii) recommended upgrades or modifica-  
18      tions to existing systems or procedures by the  
19      Department of Defense;

20               “(iv) acquisition of new systems by the De-  
21      partment and other departments and agencies of  
22      the Federal Government and timelines for field-  
23      ing such new systems; and

1                   “(v) modifications to the projects for which  
2                   such applications are filed, including changes in  
3                   size, location, or technology.

4                   “(e) DEPARTMENT OF DEFENSE DETERMINATION OF  
5 UNACCEPTABLE RISK.—(1) The Secretary of Defense may  
6 not object to an energy project filed with the Secretary of  
7 Transportation pursuant to section 44718 of title 49, except  
8 in a case in which the Secretary of Defense determines, after  
9 giving full consideration to mitigation actions identified  
10 pursuant to this section, that such project, in isolation or  
11 cumulatively with other projects, would result in an unac-  
12 ceptable risk to the national security of the United States.  
13 Such a determination shall constitute a finding pursuant  
14 to section 44718(f) of title 49.

15                   “(2)(A) Not later than 30 days after making a deter-  
16 mination of unacceptable risk under paragraph (1), the  
17 Secretary of Defense shall submit to the congressional de-  
18 fense committees a report on such determination and the  
19 basis for such determination. Such report shall include an  
20 explanation of the operational impact that led to the deter-  
21 mination, a discussion of the mitigation options considered,  
22 and an explanation of why the mitigation options were not  
23 feasible or did not resolve the conflict. The Secretary of De-  
24 fense may provide public notice through the Federal Reg-  
25 ister of the determination.

1       “(B) *The Secretary of Defense shall notify the appro-*  
2 *priate State agency of a determination made under para-*  
3 *graph (1).*

4       “(3) *The Secretary of Defense may only delegate the*  
5 *responsibility for making a determination of unacceptable*  
6 *risk under paragraph (1) to the Deputy Secretary of De-*  
7 *fense, an under secretary of defense, or a deputy under sec-*  
8 *retary of defense.*

9       “(f) *AUTHORITY TO ACCEPT CONTRIBUTIONS OF*  
10 *FUNDS.—The Secretary of Defense is authorized to request*  
11 *and accept a voluntary contribution of funds from an ap-*  
12 *plicant for a project filed with the Secretary of Transpor-*  
13 *tation pursuant to section 44718 of title 49. Amounts so*  
14 *accepted shall remain available until expended for the pur-*  
15 *pose of offsetting the cost of measures undertaken by the Sec-*  
16 *retary of Defense to mitigate adverse impacts of such a*  
17 *project on military operations and readiness or to conduct*  
18 *studies of potential measures to mitigate such impacts.*

19       “(g) *EFFECT OF DEPARTMENT OF DEFENSE HAZARD*  
20 *ASSESSMENT.—An action taken pursuant to this section*  
21 *shall not be considered to be a substitute for any assessment*  
22 *or determination required of the Secretary of Transpor-*  
23 *tation under section 44718 of title 49.*

24       “(h) *SAVINGS CLAUSE.—Nothing in this section shall*  
25 *be construed to affect or limit the application of, or any*

1 *obligation to comply with, any environmental law, includ-*  
2 *ing the National Environmental Policy Act of 1969 (42*  
3 *U.S.C. 4321 et seq.).*

4 “(i) *DEFINITIONS.—In this section:*

5 “(1) *The term ‘adverse impact on military oper-*  
6 *ations and readiness’ means any adverse impact upon*  
7 *military operations and readiness, including flight*  
8 *operations, research, development, testing, and evalua-*  
9 *tion, and training, that is demonstrable and is likely*  
10 *to impair or degrade the ability of the armed forces*  
11 *to perform their warfighting missions.*

12 “(2) *The term ‘energy project’ means a project*  
13 *that provides for the generation or transmission of*  
14 *electrical energy.*

15 “(3) *The term ‘landowner’ means a person that*  
16 *owns a fee interest in real property on which a pro-*  
17 *posed energy project is planned to be located.*

18 “(4) *The term ‘military installation’ has the*  
19 *meaning given that term in section 2801(c)(4) of this*  
20 *title.*

21 “(5) *The term ‘military readiness’ includes any*  
22 *training or operation that could be related to combat*  
23 *readiness, including testing and evaluation activities.*

24 “(6) *The term ‘military training route’ means a*  
25 *training route developed as part of the Military*

1     *Training Route Program, carried out jointly by the*  
2     *Federal Aviation Administration and the Secretary of*  
3     *Defense, for use by the armed forces for the purpose*  
4     *of conducting low-altitude, high-speed military train-*  
5     *ing.*

6             “(7) *The term ‘unacceptable risk to the national*  
7     *security of the United States’ means the construction,*  
8     *alteration, establishment, or expansion, or the pro-*  
9     *posed construction, alteration, establishment, or ex-*  
10    *ansion, of a structure or sanitary landfill that*  
11    *would—*

12            “(A) *significantly endanger safety in air*  
13    *commerce, related to the activities of the Depart-*  
14    *ment of Defense;*

15            “(B) *significantly interfere with the effi-*  
16    *cient use and preservation of the navigable air-*  
17    *space and of airport traffic capacity at public-*  
18    *use airports, related to the activities of the De-*  
19    *partment of Defense; or*

20            “(C) *significantly impair or degrade the ca-*  
21    *pability of the Department of Defense to conduct*  
22    *training, research, development, testing, and*  
23    *evaluation, and operations or to maintain mili-*  
24    *tary readiness.”.*

25    (b) *CONFORMING AND CLERICAL AMENDMENTS.—*

1           (1) *REPEAL OF EXISTING PROVISION.*—Section  
2           358 of the *Ike Skelton National Defense Authorization*  
3           *Act for Fiscal Year 2011* (49 U.S.C. 44718 note) is  
4           repealed.

5           (2) *CROSS-REFERENCE IN TITLE 49, UNITED*  
6           *STATES CODE.*—Section 44718(f) of title 49, *United*  
7           *States Code*, is amended by inserting “and in accord-  
8           ance with section 183a(e) of title 10” after “conducted  
9           under subsection (b)”.

10          (3) *REFERENCE TO REGULATIONS.*—Section  
11          44718(g) of title 49, *United States Code*, is amended  
12          by striking “211.3 of title 32, *Code of Federal Regula-*  
13          *tions*, as in effect on January 6, 2014” both places it  
14          appears and inserting “183a(i) of title 10”.

15          (4) *TABLE OF SECTIONS AMENDMENT.*—The table  
16          of sections at the beginning of chapter 7 of title 10  
17          is amended by inserting after the item relating to sec-  
18          tion 183 the following new item:

“183a. *Defense Siting Clearinghouse for review of mission obstructions.*”.

19          (c) *APPLICABILITY OF EXISTING RULES AND REGULA-*  
20          *TIONS.*—Notwithstanding the amendments made by sub-  
21          section (a), any rule or regulation promulgated to carry  
22          out section 358 of the *Ike Skelton National Defense Author-*  
23          *ization Act for Fiscal Year 2011* (49 U.S.C. 44718 note),  
24          that is in effect on the day before the date of the enactment  
25          of this Act shall continue in effect and apply to the extent

1 *such rule or regulation is consistent with the authority*  
2 *under section 183a of title 10, United States Code, as added*  
3 *by subsection (a), until such rule or regulation is otherwise*  
4 *amended or repealed.*

5 **SEC. 332. TEMPORARY INSTALLATION REUTILIZATION AU-**  
6 **THORITY FOR ARSENALS, DEPOTS, AND**  
7 **PLANTS.**

8 *(a) MODIFIED AUTHORITY.—In the case of a military*  
9 *manufacturing arsenal, depot, or plant, the Secretary of the*  
10 *Army may authorize leases and contracts under section*  
11 *2667 of title 10, United States Code, for a term of up to*  
12 *25 years, notwithstanding subsection (b)(1) of such section,*  
13 *if the Secretary determines that a lease or contract of that*  
14 *duration will promote the national defense for the purpose*  
15 *of—*

16 *(1) helping to maintain the viability of the mili-*  
17 *tary manufacturing arsenal, depot, or plant and any*  
18 *military installations on which it is located;*

19 *(2) eliminating, or at least reducing, the cost of*  
20 *Government ownership of the military manufacturing*  
21 *arsenal, depot, or plant, including the costs of oper-*  
22 *ations and maintenance, the costs of environmental*  
23 *remediation, and other costs; and*

24 *(3) leveraging private investment at the military*  
25 *manufacturing arsenal, depot, or plant through long-*

1 *term facility use contracts, property management*  
2 *contracts, leases, or other agreements that support*  
3 *and advance the preceding purposes.*

4 *(b) DELEGATION AND REVIEW PROCESS.—*

5 *(1) IN GENERAL.—The Secretary of the Army*  
6 *may delegate the authority provided by this section to*  
7 *the commander of the major subordinate command of*  
8 *the Army that has responsibility for the military*  
9 *manufacturing arsenal, depot, or plant or, if part of*  
10 *a larger military installation, the installation as a*  
11 *whole. The commander may approve a lease or con-*  
12 *tract under such authority on a case-by-case basis or*  
13 *a class basis.*

14 *(2) NOTICE OF APPROVAL.—Upon any approval*  
15 *of a lease or contract by a commander pursuant to*  
16 *a delegation of authority under paragraph (1), the*  
17 *commander shall notify the Army real property man-*  
18 *ager and Congress of the approval.*

19 *(3) REVIEW PERIOD.—Any lease or contract that*  
20 *is approved utilizing the delegation authority under*  
21 *paragraph (1) is subject to a 90-day hold period so*  
22 *that the Army real property manager may review the*  
23 *lease or contract pursuant to paragraph (4).*

24 *(4) DISPOSITION OF REVIEW.—If the Army real*  
25 *property manager disapproves of a contract or lease*

1        *submitted for review under paragraph (3), the agree-*  
2        *ment shall be null and void upon transmittal by the*  
3        *real property manager to the delegating authority of*  
4        *a written disapproval, including a justification for*  
5        *such disapproval, within the 90-day hold period. If*  
6        *no such disapproval is transmitted within the 90-day*  
7        *hold period, the agreement shall be deemed approved.*

8            (5) *APPROVAL OF REVISED AGREEMENT.—If, not*  
9        *later than 60 days after receiving a disapproval*  
10       *under paragraph (4), the delegating authority sub-*  
11       *mits to the Army real property manager a new con-*  
12       *tract or lease that addresses the concerns of the Army*  
13       *real property manager outlined in such disapproval,*  
14       *the new contract or lease shall be deemed approved*  
15       *unless the Army real property manager transmits to*  
16       *the delegating authority a disapproval of the new con-*  
17       *tract or lease within 30 days of such submission.*

18            (c) *MILITARY MANUFACTURING ARSENAL, DEPOT, OR*  
19       *PLANT DEFINED.—In this section, the term “military man-*  
20       *ufacturing arsenal, depot, or plant” means a Government-*  
21       *owned, Government-operated defense plant of the Army that*  
22       *manufactures weapons, weapon components, or both.*

23            (d) *SUNSET.—The authority under this section shall*  
24       *terminate at the close of September 30, 2020. Any contracts*

1 *entered into on or before such date shall continue in effect*  
2 *according to their terms.*

3 **SEC. 333. PILOT PROGRAM FOR OPERATION AND MAINTENANCE BUDGET PRESENTATION.**  
4

5 *(a) IN GENERAL.—Along with the budget for fiscal*  
6 *years 2019, 2020, and 2021 submitted by the President pur-*  
7 *suant to section 1105(a) of title 31, United States Code,*  
8 *the Secretary of Defense and the Secretaries of the military*  
9 *departments shall submit to the Committees on Armed Serv-*  
10 *ices of the Senate and the House of Representatives an*  
11 *annex for the following Operation and Maintenance sub-*  
12 *activity groups (SAG):*

13 *(1) For the Army:*

14 *(A) SAG 111 – Maneuver Units.*

15 *(B) SAG 123 – Land Forces Depot Maintenance.*  
16

17 *(C) SAG 131 – Base Operations Support.*

18 *(D) SAG 322 – Flight Training.*

19 *(2) For the Navy:*

20 *(A) SAG 1A5A – Aircraft Depot Maintenance.*  
21

22 *(B) SAG 1B1B – Mission and Other Ship*  
23 *Operations.*

24 *(C) SAG 1B4B – Ship Depot Maintenance.*

25 *(D) SAG BSS1 – Base Operating Support.*

1           (3) *For the Marine Corps:*

2                   (A) *SAG 1A1A – Operational Forces.*

3                   (B) *SAG 1A3A – Depot Maintenance.*

4                   (C) *SAG 1B1B – Field Logistics.*

5                   (D) *SAG BSS1 – Base Operating Support.*

6           (4) *For the Air Force:*

7                   (A) *SAG 011A – Primary Combat Forces.*

8                   (B) *SAG 011Y – Flying Hour Program.*

9                   (C) *SAG 011Z – Base Support.*

10                  (D) *SAG 021M – Depot Maintenance.*

11           (b) *ELEMENTS.—The annex required under subsection*

12 *(a) shall include the following elements:*

13                   (1) *A summary by appropriation account with*  
14 *subtotals for Department of Defense components.*

15                   (2) *A summary of each appropriation account*  
16 *by budget activity, activity group, and sub-activity*  
17 *group with budget activity and activity group sub-*  
18 *totals and an appropriation total.*

19                   (3) *A detailed sub-activity group by program ele-*  
20 *ment and expense aggregate listing in budget activity*  
21 *and activity group sequence.*

22                   (4) *A rollup document by sub-activity group*  
23 *with accompanying program element funding with*  
24 *the PB–61 program element tags included.*



1           (1) *preserving the history of the 3,000,000*  
2           *women who have served in the United States Armed*  
3           *Forces;*

4           (2) *managing an archive of artifacts, historic*  
5           *memorabilia, and documents related to servicewomen;*

6           (3) *maintaining a women veterans' oral history*  
7           *program; and*

8           (4) *conducting other educational programs re-*  
9           *lated to women in service.*

10 **SEC. 335. AUTHORITY FOR AGREEMENTS TO REIMBURSE**  
11                   **STATES FOR COSTS OF SUPPRESSING**  
12                   **WILDFIRES ON STATE LANDS CAUSED BY DE-**  
13                   **PARTMENT OF DEFENSE ACTIVITIES UNDER**  
14                   **LEASES AND OTHER GRANTS OF ACCESS TO**  
15                   **STATE LANDS.**

16           *Section 2691 of title 10, United States Code, is amend-*  
17           *ed by adding at the end the following new subsection:*

18           “(d) *The Secretary of Defense may, in any lease, per-*  
19           *mit, license, or other grant of access for use of lands owned*  
20           *by a State, agree to reimburse the State for the reasonable*  
21           *costs of the State in suppressing wildland fires caused by*  
22           *the activities of the Department of Defense under such lease,*  
23           *permit, license, or other grant of access.”.*

1 **SEC. 336. REPURPOSING AND REUSE OF SURPLUS ARMY**  
2 **FIREARMS.**

3 (a) *REQUIRED TRANSFER.*—Not later than 90 days  
4 after the date of the enactment of this Act, and subject to  
5 subsection (c), the Secretary of the Army shall transfer to  
6 Rock Island Arsenal all excess firearms, related spare parts  
7 and components, small arms ammunition, and ammuni-  
8 tion components currently stored at Defense Distribution  
9 Depot, Anniston, Alabama, that are no longer actively  
10 issued for military service and that are otherwise prohibited  
11 from commercial sale, or distribution, under Federal law.

12 (b) *REPURPOSING AND REUSE.*—The items specified  
13 for transfer under subsection (a) shall be melted and  
14 repurposed for military use as determined by the Secretary  
15 of the Army, including—

16 (1) the reforging of new firearms or their compo-  
17 nents; and

18 (2) force protection barriers and security  
19 bollards.

20 (c) *ITEMS EXEMPT FROM TRANSFER.*—M-1 Garand,  
21 caliber .45 M1911/M1911A1 pistols, and caliber .22 rimfire  
22 rifles are not subject to the transfer requirement under sub-  
23 section (a).

1 **SEC. 337. DEPARTMENT OF THE NAVY MARKSMANSHIP**  
2 **AWARDS.**

3 *Section 40728 of title 36, United States Code, is*  
4 *amended by adding at the end the following new subsection:*

5 “(i) **AUTHORIZED NAVY TRANSFERS.**—(1) *Notwith-*  
6 *standing subsections (a) and (b), the Secretary of the Navy*  
7 *may transfer to the corporation, in accordance with the pro-*  
8 *cedures prescribed in this subchapter, M–1 Garand and cal-*  
9 *iber .22 rimfire rifles held within the inventories of the*  
10 *United States Navy and the United States Marine Corps*  
11 *and stored at Defense Distribution Depot, Anniston, Ala-*  
12 *bama, or Naval Surface Warfare Center, Crane, Indiana,*  
13 *as of the date of the enactment of the National Defense Au-*  
14 *thorization Act for Fiscal Year 2018.*

15 “(2) *The items specified for transfer under paragraph*  
16 *(1) shall be used as awards for competitors in marksman-*  
17 *ship competitions held by the United States Marine Corps*  
18 *or the United States Navy and may not be resold.”.*

19 **SEC. 338. MODIFICATION OF THE SECOND DIVISION MEMO-**  
20 **RIAL.**

21 (a) **AUTHORIZATION.**—*The Second Indianhead Divi-*  
22 *sion Association, Inc., Scholarship and Memorials Founda-*  
23 *tion, an organization described in section 501(c)(3) of the*  
24 *Internal Revenue Code of 1986 and exempt from taxation*  
25 *under section 501(a) of that Code, may place additional*  
26 *commemorative elements or engravings on the raised plat-*

1 *form or stone work of the existing Second Division Memo-*  
 2 *rial located in President’s Park, between 17th Street North-*  
 3 *west and Constitution Avenue in the District of Columbia,*  
 4 *to further honor the members of the Second Infantry Divi-*  
 5 *sion who have given their lives in service to the United*  
 6 *States.*

7 (b) *APPLICATION OF COMMEMORATIVE WORKS ACT.—*  
 8 *Chapter 89 of title 40, United States Code (commonly*  
 9 *known as the “Commemorative Works Act”), shall apply*  
 10 *to the design and placement of the commemorative elements*  
 11 *or engravings authorized under subsection (a).*

12 (c) *FUNDING.—Federal funds may not be used for*  
 13 *modifications of the Second Division Memorial authorized*  
 14 *under subsection (a).*

## 15 ***Subtitle E—Energy and*** 16 ***Environment***

### 17 ***SEC. 341. AUTHORITY TO CARRY OUT ENVIRONMENTAL*** 18 ***RESTORATION ACTIVITIES AT NATIONAL*** 19 ***GUARD AND RESERVE LOCATIONS.***

20 *Section 2701(a) of title 10, United States Code, is*  
 21 *amended by adding at the end the following new paragraph:*

22 “(5) *AUTHORITY TO CARRY OUT ACTIVITIES AT*  
 23 *NATIONAL GUARD AND RESERVE LOCATIONS.—The*  
 24 *Secretary may carry out activities under this section*  
 25 *at National Guard and Reserve locations.”.*

1 **SEC. 342. SPECIAL CONSIDERATIONS FOR ENERGY PER-**  
 2 **FORMANCE GOALS.**

3 *Section 2911(c) of title 10, United States Code, is*  
 4 *amended—*

5 *(1) in paragraph (1), by inserting “and to re-*  
 6 *duce the future demand and the requirements for the*  
 7 *use of energy” after “consumption of energy”;*

8 *(2) in paragraph (2), by striking “to reduce the*  
 9 *future demand and the requirements for the use of en-*  
 10 *ergy” and inserting “to enhance energy resilience to*  
 11 *ensure the Department of Defense has the ability to*  
 12 *prepare for and recover from energy disruptions that*  
 13 *impact mission assurance on military installations”;*  
 14 *and*

15 *(3) by adding at the end the following new para-*  
 16 *graph:*

17 *“(13) Opportunities to leverage third-party fi-*  
 18 *nancing to address installation energy needs.”.*

19 **SEC. 343. CENTERS FOR DISEASE CONTROL STUDY ON**  
 20 **HEALTH IMPLICATIONS OF PER- AND**  
 21 **POLYFLUOROALKYL SUBSTANCES CONTAMI-**  
 22 **NATION IN DRINKING WATER.**

23 *(a) IN GENERAL.—The Secretary of Health and*  
 24 *Human Services, acting through the Centers for Disease*  
 25 *Control and Prevention and the Agency for Toxic Sub-*

1 *stances and Disease Registry and in consultation with the*  
2 *Department of Defense, shall—*

3           (1) *commence a study on the human health im-*  
4 *plications of per- and polyfluoroalkyl substances*  
5 *(PFAS) contamination in drinking water, ground*  
6 *water, and any other sources of water and relevant*  
7 *exposure vectors, including the cumulative human*  
8 *health implications of multiple types of PFAS con-*  
9 *tamination at levels above and below health advisory*  
10 *levels;*

11           (2) *not later than 5 years after the date of enact-*  
12 *ment of this Act (or 7 years after such date of enact-*  
13 *ment after providing notice to the appropriate con-*  
14 *gressional committees of the need for the delay)—*

15                   (A) *complete such study and make any ap-*  
16 *propriate recommendations; and*

17                   (B) *submit a report to the appropriate con-*  
18 *gressional committees on the results of such*  
19 *study; and*

20           (3) *not later than one year after the date of the*  
21 *enactment of this Act, and annually thereafter until*  
22 *submission of the report under paragraph (2)(B), sub-*  
23 *mit to the appropriate congressional committees a re-*  
24 *port on the progress of the study.*

25           (b) *AUTHORIZATION OF APPROPRIATIONS.—*

1           (1) *AUTHORIZATION.*—*There is authorized to be*  
2 *appropriated \$7,000,000 to carry out this section.*

3           (2) *OFFSET.*—*The amount authorized to be ap-*  
4 *propriated for fiscal year 2018 for the Department of*  
5 *Defense by section 301 for operation and maintenance*  
6 *is hereby reduced by \$7,000,000, with the amount of*  
7 *such decrease to be allocated to operation and mainte-*  
8 *nance, Navy, SAG BSIT, as specified in the funding*  
9 *tables in section 4301.*

10       (c) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
11 *FINED.*—*In this section, the term “appropriate congres-*  
12 *sional committees” means—*

13           (1) *the congressional defense committees;*

14           (2) *the Committee on Health, Education, Labor,*  
15 *and Pensions and the Committee on Veterans’ Affairs*  
16 *of the Senate; and*

17           (3) *the Committee on Energy and Commerce and*  
18 *the Committee on Veterans’ Affairs of the House of*  
19 *Representatives.*

20 **SEC. 344. ENVIRONMENTAL OVERSIGHT AND REMEDIATION**

21 **AT RED HILL BULK FUEL STORAGE FACILITY.**

22       (a) *SENSE OF CONGRESS.*—*It is the sense of Congress*  
23 *that—*

1           (1) *the Red Hill Bulk Fuel Storage Facility lo-*  
2 *cated on Oahu, Hawaii is a national strategic asset*  
3 *that—*

4                   (A) *supports combatant commander theater*  
5 *security requirements;*

6                   (B) *supports contingency operations;*

7                   (C) *provides essential and timely support to*  
8 *the United States and allies' military mobiliza-*  
9 *tions and disaster response efforts in the Indo-*  
10 *Asia-Pacific and around the world; and*

11                   (D) *is routinely used to support normal*  
12 *transit of Navy and Air Force movements in the*  
13 *region;*

14           (2) *the facility in its current form cannot be rep-*  
15 *licated anywhere else in the world;*

16           (3) *moving the fuel to another storage facility in*  
17 *the Indo-Asia-Pacific would have implications for the*  
18 *United States military force structure in the State of*  
19 *Hawaii and put at risk billions of dollars in annual*  
20 *economic activity that the Armed Forces bring to the*  
21 *State of Hawaii;*

22           (4) *if the facility were closed, the United States*  
23 *Armed Forces would be unable to support the Na-*  
24 *tional Military Strategy, including the goals of the*

1 *United States Pacific Commander, and national secu-*  
2 *rity interests would be significantly undermined;*

3 *(5) constant vigilance is required to ensure that*  
4 *facility degradation and fuel leaks do not pose a*  
5 *threat to the people of Hawaii, especially the drinking*  
6 *water on Oahu; and*

7 *(6) despite its importance, the facility continues*  
8 *to face long-term challenges without robust and con-*  
9 *sistent funding that provides the Navy and the De-*  
10 *fense Logistics Agency with the resources needed to*  
11 *improve the tanks and associated infrastructure.*

12 *(b) BUDGET SUBMISSIONS.—*

13 *(1) ANNUAL BUDGET JUSTIFICATION.—The Sec-*  
14 *retary of Defense, in consultation with the Secretary*  
15 *of the Navy, shall ensure that the budget justification*  
16 *materials submitted to Congress in support of the De-*  
17 *partment of Defense budget for any fiscal year (as*  
18 *submitted with the budget of the President under sec-*  
19 *tion 1105(a) of title 31, United States Code) includes*  
20 *a description of how the Department will use funds*  
21 *to support any deliverables that the parties of the Ad-*  
22 *ministrative Order on Consent/Statement of Work*  
23 *have identified as necessary to mitigate and prevent*  
24 *fuel leaks at the Red Hill Bulk Fuel Storage Facility*  
25 *on Oahu, Hawaii.*

1           (2) *FUTURE YEARS DEFENSE BUDGET.*—*The*  
2           *Secretary of Defense, in consultation with the Sec-*  
3           *retary of the Navy, shall ensure that each future-years*  
4           *defense program submitted to Congress under section*  
5           *221 of title 10, United States Code, describes how the*  
6           *Department will use funds to support any*  
7           *deliverables that the parties of the Administrative*  
8           *Order on Consent/Statement of Work have identified*  
9           *as necessary to mitigate and prevent fuel leaks at the*  
10          *Red Hill Bulk Fuel Storage Facility on Oahu, Ha-*  
11          *waii, in the period covered by the future-years defense*  
12          *program.*

13          (c) *ADMINISTRATIVE ORDER ON CONSENT/STATEMENT*  
14          *OF WORK DEFINED.*—*In this section, the term “Adminis-*  
15          *trative Order on Consent/Statement of Work” means a le-*  
16          *gally enforceable agreement between the United States De-*  
17          *partment of the Navy (Navy), the Defense Logistics Agency*  
18          *(DLA), the United States Environmental Protection Agency*  
19          *(EPA), Region 9, and the State of Hawaii Department of*  
20          *Health (DOH) that the parties voluntarily entered into on*  
21          *September 28, 2015 [EPA DKT NO. RCRA 7003–R9–*  
22          *2015–01/DOH DKT NO. 15–UST–EA–01].*

1 **TITLE IV—MILITARY PERSONNEL**  
2 **AUTHORIZATIONS**  
3 **Subtitle A—Active Forces**

4 **SEC. 401. END STRENGTHS FOR ACTIVE FORCES.**

5 *The Armed Forces are authorized strengths for active*  
6 *duty personnel as of September 30, 2018, as follows:*

- 7 (1) *The Army, 481,000.*  
8 (2) *The Navy, 327,900.*  
9 (3) *The Marine Corps, 186,000.*  
10 (4) *The Air Force, 325,100.*

11 **Subtitle B—Reserve Forces**

12 **SEC. 411. END STRENGTHS FOR SELECTED RESERVE.**

13 (a) *IN GENERAL.—The Armed Forces are authorized*  
14 *strengths for Selected Reserve personnel of the reserve com-*  
15 *ponents as of September 30, 2018, as follows:*

- 16 (1) *The Army National Guard of the United*  
17 *States, 343,500.*  
18 (2) *The Army Reserve, 199,500.*  
19 (3) *The Navy Reserve, 59,000.*  
20 (4) *The Marine Corps Reserve, 38,500.*  
21 (5) *The Air National Guard of the United*  
22 *States, 106,600.*  
23 (6) *The Air Force Reserve, 69,800.*  
24 (7) *The Coast Guard Reserve, 7,000.*

1       **(b) END STRENGTH REDUCTIONS.**—*The end strengths*  
2 *prescribed by subsection (a) for the Selected Reserve of any*  
3 *reserve component shall be proportionately reduced by—*

4           (1) *the total authorized strength of units orga-*  
5 *nized to serve as units of the Selected Reserve of such*  
6 *component which are on active duty (other than for*  
7 *training) at the end of the fiscal year; and*

8           (2) *the total number of individual members not*  
9 *in units organized to serve as units of the Selected*  
10 *Reserve of such component who are on active duty*  
11 *(other than for training or for unsatisfactory partici-*  
12 *pation in training) without their consent at the end*  
13 *of the fiscal year.*

14       **(c) END STRENGTH INCREASES.**—*Whenever units or*  
15 *individual members of the Selected Reserve of any reserve*  
16 *component are released from active duty during any fiscal*  
17 *year, the end strength prescribed for such fiscal year for*  
18 *the Selected Reserve of such reserve component shall be in-*  
19 *creased proportionately by the total authorized strengths of*  
20 *such units and by the total number of such individual mem-*  
21 *bers.*

22 **SEC. 412. END STRENGTHS FOR RESERVES ON ACTIVE**  
23 **DUTY IN SUPPORT OF THE RESERVES.**

24       *Within the end strengths prescribed in section 411(a),*  
25 *the reserve components of the Armed Forces are authorized,*

1 *as of September 30, 2018, the following number of Reserves*  
2 *to be serving on full-time active duty or full-time duty, in*  
3 *the case of members of the National Guard, for the purpose*  
4 *of organizing, administering, recruiting, instructing, or*  
5 *training the reserve components:*

6           (1) *The Army National Guard of the United*  
7 *States, 30,155.*

8           (2) *The Army Reserve, 16,261.*

9           (3) *The Navy Reserve, 10,101.*

10          (4) *The Marine Corps Reserve, 2,261.*

11          (5) *The Air National Guard of the United*  
12 *States, 16,260.*

13          (6) *The Air Force Reserve, 3,588.*

14 **SEC. 413. END STRENGTHS FOR MILITARY TECHNICIANS**  
15 **(DUAL STATUS).**

16       *The minimum number of military technicians (dual*  
17 *status) as of the last day of fiscal year 2018 for the reserve*  
18 *components of the Army and the Air Force (notwith-*  
19 *standing section 129 of title 10, United States Code) shall*  
20 *be the following:*

21           (1) *For the Army National Guard of the United*  
22 *States, 22,294.*

23           (2) *For the Army Reserve, 6,492.*

24           (3) *For the Air National Guard of the United*  
25 *States, 19,135.*

1           (4) *For the Air Force Reserve, 8,880.*

2   **SEC. 414. FISCAL YEAR 2018 LIMITATION ON NUMBER OF**  
3           **NON-DUAL STATUS TECHNICIANS.**

4           (a) *LIMITATIONS.—*

5           (1) *NATIONAL GUARD.—The number of non-dual*  
6           *status technicians employed by the National Guard as*  
7           *of September 30, 2018, may not exceed the following:*

8           (A) *For the Army National Guard of the*  
9           *United States, 0.*

10          (B) *For the Air National Guard of the*  
11          *United States, 0.*

12          (2) *ARMY RESERVE.—The number of non-dual*  
13          *status technicians employed by the Army Reserve as*  
14          *of September 30, 2018, may not exceed 0.*

15          (3) *AIR FORCE RESERVE.—The number of non-*  
16          *dual status technicians employed by the Air Force*  
17          *Reserve as of September 30, 2018, may not exceed 0.*

18          (b) *NON-DUAL STATUS TECHNICIANS DEFINED.—In*  
19          *this section, the term “non-dual status technician” has the*  
20          *meaning given that term in section 10217(a) of title 10,*  
21          *United States Code.*

1 **SEC. 415. MAXIMUM NUMBER OF RESERVE PERSONNEL AU-**  
2 **THORIZED TO BE ON ACTIVE DUTY FOR**  
3 **OPERATIONAL SUPPORT.**

4 *During fiscal year 2018, the maximum number of*  
5 *members of the reserve components of the Armed Forces who*  
6 *may be serving at any time on full-time operational sup-*  
7 *port duty under section 115(b) of title 10, United States*  
8 *Code, is the following:*

9 (1) *The Army National Guard of the United*  
10 *States, 17,000.*

11 (2) *The Army Reserve, 13,000.*

12 (3) *The Navy Reserve, 6,200.*

13 (4) *The Marine Corps Reserve, 3,000.*

14 (5) *The Air National Guard of the United*  
15 *States, 16,000.*

16 (6) *The Air Force Reserve, 14,000.*

17 **SEC. 416. NUMBER OF MEMBERS OF THE NATIONAL GUARD**  
18 **ON FULL-TIME DUTY IN SUPPORT OF THE RE-**  
19 **SERVES WITHIN THE NATIONAL GUARD BU-**  
20 **REAU.**

21 *Within the personnel authorized by paragraphs (1)*  
22 *and (5) of section 412, the number of personnel under each*  
23 *such paragraph who may serve with the National Guard*  
24 *Bureau may not exceed the number equal to six percent of*  
25 *the number authorized by such paragraph.*

1           **Subtitle C—Authorization of**  
2                           **Appropriations**

3   **SEC. 421. MILITARY PERSONNEL.**

4           (a) *AUTHORIZATION OF APPROPRIATIONS.*—Funds are  
5 hereby authorized to be appropriated for fiscal year 2018  
6 for the use of the Armed Forces and other activities and  
7 agencies of the Department of Defense for expenses, not oth-  
8 erwise provided for, for military personnel, as specified in  
9 the funding table in section 4401.

10          (b) *CONSTRUCTION OF AUTHORIZATION.*—The author-  
11 ization of appropriations in subsection (a) supersedes any  
12 other authorization of appropriations (definite or indefi-  
13 nite) for such purpose for fiscal year 2018.

14           **TITLE V—MILITARY PERSONNEL**  
15                           **POLICY**

16           **Subtitle A—Officer Personnel Policy**

17   **SEC. 501. CLARIFICATION OF BASELINES FOR AUTHORIZED**  
18                           **NUMBERS OF GENERAL AND FLAG OFFICERS**  
19                           **ON ACTIVE DUTY AND IN JOINT DUTY AS-**  
20                           **SIGNMENTS.**

21          (a) *ACTIVE-DUTY BASELINE.*—Subsection (h)(2) of sec-  
22 tion 526 of title 10, United States Code, is amended by  
23 striking “the lower of” and all that follows and inserting  
24 “the statutory limit of general officers or flag officers of that  
25 armed force under subsection (a).”.

1       **(b) JOINT DUTY ASSIGNMENT BASELINE.**—*Subsection*  
 2 *(i)(2) of such section is amended by striking “the lower of”*  
 3 *and all that follows and inserting “the statutory limit on*  
 4 *general officer and flag officer positions that are joint duty*  
 5 *assignments under subsection (b)(1).”.*

6 **SEC. 502. AUTHORITY OF PROMOTION BOARDS TO REC-**  
 7 **COMMEND OFFICERS OF PARTICULAR MERIT**  
 8 **BE PLACED AT THE TOP OF THE PROMOTION**  
 9 **LIST.**

10       **(a) AUTHORITY OF PROMOTION BOARDS TO REC-**  
 11 **COMMEND OFFICERS OF PARTICULAR MERIT BE PLACED AT**  
 12 **TOP OF PROMOTION LIST.**—*Section 616 of title 10, United*  
 13 *States Code, is amended by adding at the end the following*  
 14 *new subsection:*

15       “(g)(1) *In selecting the officers to be recommended for*  
 16 *promotion, a selection board may, when authorized by the*  
 17 *Secretary of the military department concerned, recommend*  
 18 *officers of particular merit, from among those officers se-*  
 19 *lected for promotion, to be placed at the top of the pro-*  
 20 *motion list promulgated by the Secretary under section*  
 21 *624(a)(1) of this title.*

22       “(2) *The number of such officers placed at the top of*  
 23 *the promotion list may not exceed the number equal to 20*  
 24 *percent of the maximum number of officers that the board*  
 25 *is authorized to recommend for promotion in such competi-*

1 *tive category. If the number determined under this sub-*  
 2 *section is less than one, the board may recommend one such*  
 3 *officer.*

4 “(3) *No officer may be recommended to be placed at*  
 5 *the top of the promotion list unless the officer receives the*  
 6 *recommendation of at least a majority of the members of*  
 7 *a board for such placement.*

8 “(4) *For the officers recommended to be placed at the*  
 9 *top of the promotion list, the board shall recommend the*  
 10 *order in which these officers should be promoted.*”.

11 (b) *OFFICERS OF PARTICULAR MERIT APPEARING AT*  
 12 *TOP OF PROMOTION LIST.*—Section 624(a)(1) of such title  
 13 *is amended by inserting “, except such officers of particular*  
 14 *merit who were approved by the President and rec-*  
 15 *ommended by the board to be placed at the top of the pro-*  
 16 *motion list under section 616(g) of this title as these officers*  
 17 *shall be placed at the top of the promotion list in the order*  
 18 *recommended by the board” after “officers on the active-*  
 19 *duty list”.*

20 **SEC. 503. CLARIFICATION TO EXCEPTION FOR REMOVAL OF**  
 21 **OFFICERS FROM LIST OF OFFICERS REC-**  
 22 **OMMENDED FOR PROMOTION AFTER 18**  
 23 **MONTHS WITHOUT APPOINTMENT.**

24 Section 629(c)(3) of title 10, United States Code, is  
 25 amended by striking “the Senate is not able to obtain the

1 *information necessary” and inserting “the military depart-*  
 2 *ment concerned is not able to obtain and provide to the*  
 3 *Senate the information the Senate requires”.*

4 **SEC. 504. FLEXIBILITY IN PROMOTION OF OFFICERS TO PO-**  
 5 **SITIONS OF STAFF JUDGE ADVOCATE TO THE**  
 6 **COMMANDANT OF THE MARINE CORPS AND**  
 7 **DEPUTY JUDGE ADVOCATE GENERAL OF THE**  
 8 **NAVY.**

9 *(a) STAFF JUDGE ADVOCATE TO COMMANDANT OF THE*  
 10 *MARINE CORPS.—Section 5046(b) of title 10, United States*  
 11 *Code, is amended—*

12 *(1) by inserting “(1)” after “(b)”;* and

13 *(2) by adding at the end the following new para-*  
 14 *graph:*

15 *“(2) If the Secretary of the Navy elects to convene a*  
 16 *selection board under section 611(a) of this title to consider*  
 17 *eligible officers for selection to appointment as Staff Judge*  
 18 *Advocate, the Secretary may, in connection with such con-*  
 19 *sideration for selection—*

20 *“(A) treat any section in chapter 36 of this title*  
 21 *referring to promotion to the next higher grade as if*  
 22 *such section referred to promotion to a higher grade;*  
 23 *and*

1           “(B) waive section 619(a)(2) of this title if the  
2       Secretary determines that the needs of the Marine  
3       Corps require the waiver.”.

4       (b) *DEPUTY JUDGE ADVOCATE GENERAL OF THE*  
5 *NAVY.*—Section 5149(a) of such title is amended by adding  
6 at the end the following new paragraph:

7           “(3) If the Secretary of the Navy elects to convene a  
8       selection board under section 611(a) of this title to consider  
9       eligible officers for selection to appointment as Deputy  
10      Judge Advocate General, the Secretary may, in connection  
11      with such consideration for selection—

12           “(A) treat any section in chapter 36 of this title  
13      referring to promotion to the next higher grade as if  
14      such section referred to promotion to a higher grade;  
15      and

16           “(B) waive section 619(a)(2) of this title if the  
17      Secretary determines that the needs of the Navy re-  
18      quire the waiver.”.

19 **SEC. 505. REPEAL OF REQUIREMENT FOR SPECIFICATION**  
20                   **OF NUMBER OF OFFICERS WHO MAY BE REC-**  
21                   **OMMENDED FOR EARLY RETIREMENT BY A**  
22                   **SELECTIVE EARLY RETIREMENT BOARD.**

23       Section 638a of title 10, United States Code, is amend-  
24 ed—

25           (1) in subsection (c)—

1 (A) by striking paragraph (1); and

2 (B) by redesignating paragraphs (2)  
3 through (4) as paragraphs (1) through (3), re-  
4 spectively; and

5 (2) in subsection (d)—

6 (A) by striking paragraph (2); and

7 (B) by redesignating paragraphs (3) and  
8 (4) as paragraphs (2) and (3), respectively.

9 **SEC. 506. EXTENSION OF SERVICE-IN-GRADE WAIVER AU-**  
10 **THORITY FOR VOLUNTARY RETIREMENT OF**  
11 **CERTAIN GENERAL AND FLAG OFFICERS FOR**  
12 **PURPOSES OF ENHANCED FLEXIBILITY IN OF-**  
13 **FICER PERSONNEL MANAGEMENT.**

14 *Section 1370(a)(2)(G) of title 10, United States Code,*  
15 *is amended by striking “2017” and inserting “2025”.*

16 **SEC. 507. INCLUSION OF PRINCIPAL MILITARY DEPUTY TO**  
17 **THE ASSISTANT SECRETARY OF THE ARMY**  
18 **FOR ACQUISITION, TECHNOLOGY, AND LOGIS-**  
19 **TICS AMONG OFFICERS SUBJECT TO REPEAL**  
20 **OF STATUTORY SPECIFICATION OF GENERAL**  
21 **OFFICER GRADE.**

22 *Section 3016(b)(5)(B) of title 10, United States Code,*  
23 *is amended by striking “a lieutenant general” and inserting*  
24 *“an officer”.*

1 **SEC. 508. CLARIFICATION OF EFFECT OF REPEAL OF STATU-**  
2 **TORY SPECIFICATION OF GENERAL OR FLAG**  
3 **OFFICER GRADE FOR VARIOUS POSITIONS IN**  
4 **THE ARMED FORCES.**

5 (a) *RETENTION OF GRADE OF INCUMBENTS IN POSI-*  
6 *TIONS ON EFFECTIVE DATE.*—Effective as of December 23,  
7 2016, and as if included in the enactment of the National  
8 Defense Authorization Act for Fiscal Year 2017 (Public  
9 Law 114–328) to which it relates, section 502 of that Act  
10 (130 Stat. 2102) is amended by adding at the end the fol-  
11 lowing new subsection:

12 “(tt) *RETENTION OF GRADE OF INCUMBENTS IN POSI-*  
13 *TIONS ON EFFECTIVE DATE.*—The grade of service of an  
14 officer serving as of the date of the enactment of this Act  
15 in a position whose statutory grade is affected by an  
16 amendment made by this section may not be reduced after  
17 that date by reason of such amendment as long as the officer  
18 remains in continuous service in such position after that  
19 date.”

20 (b) *CLARIFYING AMENDMENT TO CHIEF OF VETERI-*  
21 *NARY CORPS OF THE ARMY REPEAL.*—Section 3084 of title  
22 10, United States Code, is amended by striking the last sen-  
23 tence.

1 **SEC. 509. GRANDFATHERING OF RETIRED GRADE OF AS-**  
2 **SISTANT JUDGE ADVOCATES GENERAL OF**  
3 **THE NAVY AS OF REPEAL OF STATUTORY**  
4 **SPECIFICATION OF GENERAL AND FLAG OFFI-**  
5 **CERS GRADES IN THE ARMED FORCES.**

6 (a) *IN GENERAL.*—Notwithstanding the amendments  
7 made by section 502(gg)(2) of the National Defense Author-  
8 ization Act for Fiscal Year 2017 (Public Law 114–328),  
9 the officer holding a position specified in subsection (b) as  
10 of December 23, 2016, in the grade of rear admiral (lower  
11 half) or brigadier general, as applicable, may be retired  
12 after that date in such grade with the retired pay of such  
13 grade (unless entitled to higher pay under another provision  
14 of law).

15 (b) *SPECIFIED POSITIONS.*—The positions specified in  
16 this subsection are the following:

17 (1) *The Assistant Judge Advocate General of the*  
18 *Navy provided for by section 5149(b) of title 10,*  
19 *United States Code.*

20 (2) *The Assistant Judge Advocate General of the*  
21 *Navy provided for by section 5149(c) of title 10,*  
22 *United States Code.*

1 **SEC. 510. SERVICE CREDIT FOR CYBERSPACE EXPERIENCE**  
2 **OR ADVANCED EDUCATION UPON ORIGINAL**  
3 **APPOINTMENT AS A COMMISSIONED OFFI-**  
4 **CER.**

5 (a) ORIGINAL APPOINTMENT AS A RESERVE OFFI-  
6 CER.—Section 12207 of title 10, United States Code, is  
7 amended—

8 (1) in subsection (a)(2), by inserting “or (e)”  
9 after “subsection (b)”;

10 (2) by redesignating subsections (e) and (f) as  
11 subsections (f) and (g), respectively;

12 (3) by inserting after subsection (d) the following  
13 new subsection (e):

14 “(e)(1) Under regulations prescribed by the Secretary  
15 of Defense, if the Secretary of a military department deter-  
16 mines that the number of commissioned officers with cyber-  
17 space-related experience or advanced education in reserve  
18 active-status in an armed force under the jurisdiction of  
19 such Secretary is critically below the number needed, such  
20 Secretary may credit any person receiving an original ap-  
21 pointment as a reserve commissioned officer with a period  
22 of constructive service for the following:

23 “(A) Special experience or training in a par-  
24 ticular cyberspace-related field if such experience or  
25 training is directly related to the operational needs of  
26 the armed force concerned.

1           “(B) *Any period of advanced education in a*  
2           *cyberspace-related field beyond the baccalaureate de-*  
3           *gree level if such advanced education is directly re-*  
4           *lated to the operational needs of the armed force con-*  
5           *cerned.*

6           “(2) *Constructive service credited an officer under this*  
7           *subsection shall not exceed one year for each year of special*  
8           *experience, training, or advanced education, and not more*  
9           *than three years total constructive service may be credited.*

10          “(3) *Constructive service credited an officer under this*  
11          *subsection is in addition to any service credited that officer*  
12          *under subsection (a) and shall be credited at the time of*  
13          *the original appointment of the officer.*

14          “(4) *The authority to award constructive service credit*  
15          *under this subsection expires on December 31, 2023.”; and*

16                 (4) *in subsection (f), as redesignated by para-*  
17                 *graph (2), by striking “or (d)” and inserting “; (d),*  
18                 *or (e)”.*

19          (b) *EXTENSION OF AUTHORITY IN CONNECTION WITH*  
20          *ORIGINAL APPOINTMENT OF REGULAR OFFICERS.—Section*  
21          *533(g)(4) of such title is amended by striking “December*  
22          *31, 2018” and inserting “December 31, 2023”.*

1 **SEC. 510A. AUTHORITY FOR OFFICERS TO OPT-OUT OF PRO-**  
2 **MOTION BOARD CONSIDERATION.**

3 (a) *ACTIVE-DUTY LIST OFFICERS.*—Section 619 of  
4 title 10, United States Code, is amended—

5 (1) in subsection (d), by adding at the end the  
6 following new paragraph:

7 “(6) An officer excluded under subsection (e).”;  
8 and

9 (2) by adding at the end the following new sub-  
10 section:

11 “(e) *AUTHORITY TO PERMIT OFFICERS TO OPT OUT*  
12 *OF SELECTION BOARD CONSIDERATION.*—The Secretary of  
13 Defense may authorize the Secretary of a military depart-  
14 ment to provide that an officer under the jurisdiction of  
15 that Secretary may, upon the officer’s request and with the  
16 approval of the Secretary concerned, be excluded from con-  
17 sideration by a selection board convened under section  
18 611(a) of this title to consider officers for promotion to the  
19 next higher grade. The Secretary concerned may only ap-  
20 prove such a request if—

21 (1) the basis for the request is to allow an offi-  
22 cer to complete a broadening assignment, advanced  
23 education, another assignment of significant value to  
24 the Department of Defense, or a career progression re-  
25 quirement delayed by the assignment of education;

1           “(2) the Secretary concerned determines the ex-  
2           clusion from consideration is in the best interest of  
3           the military department concerned; and

4           “(3) the officer has not previously failed of selec-  
5           tion for promotion to the grade for which the officer  
6           requests the exclusion from consideration.”.

7           **(b) RESERVE ACTIVE-STATUS LIST OFFICERS.**—Sec-  
8           tion 14301 of such title is amended—

9           (1) in subsection (c)—

10           (A) in the subsection heading, by striking  
11           “PREVIOUSLY SELECTED OFFICERS NOT ELIGI-  
12           BLE” and inserting “CERTAIN OFFICERS NOT”;  
13           and

14           (B) by adding at the end the following new  
15           paragraph:

16           “(6) An officer excluded under subsection (j).”;  
17           and

18           (2) by adding at the end the following new sub-  
19           section:

20           “(j) **AUTHORITY TO PERMIT OFFICERS TO OPT OUT**  
21           **OF SELECTION BOARD CONSIDERATION.**—The Secretary of  
22           Defense may authorize the Secretary of a military depart-  
23           ment to provide that an officer under the jurisdiction of  
24           that Secretary may, upon the officer’s request and with the  
25           approval of the Secretary concerned, be excluded from con-

1 *sideration by a selection board convened under section*  
2 *14101(a) of this title to consider officers for promotion to*  
3 *the next higher grade. The Secretary concerned may only*  
4 *approve such a request if—*

5           “(1) *the basis for the request is to allow an offi-*  
6 *cer to complete a broadening assignment, advanced*  
7 *education, another assignment of significant value to*  
8 *the Department of Defense, or a career progression re-*  
9 *quirement delayed by the assignment or education;*

10           “(2) *the Secretary concerned determines the ex-*  
11 *clusion from consideration is in the best interest of*  
12 *the military department concerned; and*

13           “(3) *the officer has not previously failed of selec-*  
14 *tion for promotion to the grade for which the officer*  
15 *requests the exclusion from consideration.”.*

16 **SEC. 510B. REAUTHORIZATION OF AUTHORITY TO ORDER**  
17 **RETIRED MEMBERS TO ACTIVE DUTY IN**  
18 **HIGH-DEMAND, LOW-DENSITY ASSIGNMENTS.**

19 *Section 688a(f) of title 10, United States Code, is*  
20 *amended by striking “after December 21, 2011.” and insert-*  
21 *ing “outside a period as follows:*

22           “(1) *The period beginning on December 2, 2002,*  
23 *and ending on December 31, 2011.*

1           “(2) *The period beginning on the date of the en-*  
 2           *actment of the National Defense Authorization Act for*  
 3           *Fiscal Year 2018 and ending on December 31, 2022.*”.

4           ***Subtitle B—Reserve Component***  
 5           ***Management***

6           ***SEC. 511. CONSOLIDATION OF AUTHORITIES TO ORDER***  
 7                           ***MEMBERS OF THE RESERVE COMPONENTS OF***  
 8                           ***THE ARMED FORCES TO PERFORM DUTY.***

9           *Section 515 of the National Defense Authorization Act*  
 10          *for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 810)*  
 11          *is amended—*

12                   (1) *in the second sentence of subsection (b), by*  
 13                   *striking “such legislation as would be necessary to*  
 14                   *amend titles 10, 14, 32, and 37 of the United States*  
 15                   *Code and other provisions of law in order to imple-*  
 16                   *ment the Secretary’s approach by October 1, 2018”*  
 17                   *and inserting “legislation implementing the alternate*  
 18                   *approach by April 30, 2019”; and*

19                   (2) *by adding at the end the following new sub-*  
 20                   *section:*

21                   “(c) *ATTRIBUTES OF ALTERNATE APPROACH.—The*  
 22                   *Secretary of Defense shall ensure the alternate approach de-*  
 23                   *scribed in subsection (b)—*

24                           (1) *reduces the number of statutory authorities*  
 25                   *by which members of the reserve components of the*

1 *Armed Forces may be ordered to perform duty to not*  
2 *more than 8 statutory authorities grouped into 4 duty*  
3 *categories to which specific pay and benefits may be*  
4 *aligned, which categories shall include—*

5 *“(A) one duty category that shall generally*  
6 *reflect active service performed in support of con-*  
7 *tingency type operations or other military ac-*  
8 *tions in support of the commander of a combat-*  
9 *ant command;*

10 *“(B) a second duty category that shall—*

11 *“(i) generally reflect active service not*  
12 *described in subparagraph (A); and*

13 *“(ii) consist of training, administra-*  
14 *tion, operational support, and full-time*  
15 *support of the reserve components;*

16 *“(C) a third duty category that shall—*

17 *“(i) generally reflect duty performed*  
18 *under direct military supervision while not*  
19 *in active service; and*

20 *“(ii) include duty characterized by*  
21 *partial-day service; and*

22 *“(D) a fourth duty category that shall—*

23 *“(i) generally reflect remote duty com-*  
24 *pleted while not under direct military su-*  
25 *per vision; and*

1                   “(ii) include completion of correspond-  
2                   ence courses and telework;

3                   “(2) distinguishes among duty performed under  
4                   titles 10, 14, and 32, United States Code, and ensures  
5                   that the reasons the members of the reserve compo-  
6                   nents are utilized under the statutory authorities  
7                   which exist prior to the alternate approach are pre-  
8                   served and can be tracked as separate and distinct  
9                   purposes;

10                  “(3) minimizes, to the maximum extent prac-  
11                  ticable, disruptions in pay and benefits for members,  
12                  and adheres to the principle that a member should re-  
13                  ceive pay and benefits commensurate with the nature  
14                  and performance of the member’s duties;

15                  “(4) ensures the Secretary has the flexibility to  
16                  meet emerging requirements and to effectively manage  
17                  the force; and

18                  “(5) aligns Department of Defense programming  
19                  and budgeting to the types of duty members per-  
20                  form.”.

1 **SEC. 512. ESTABLISHMENT OF OFFICE OF COMPLEX INVESTIGATIONS WITHIN THE NATIONAL GUARD BUREAU.**  
2  
3

4 (a) *ESTABLISHMENT.*—Chapter 1101 of title 10,  
5 *United States Code*, is amended by adding at the end the  
6 *following new section:*

7 **“§ 10509. Office of Complex Investigations**

8 “(a) *IN GENERAL.*—There is in the National Guard  
9 Bureau an Office of Complex Investigations (in this section  
10 referred to as the ‘Office’) under the authority, direction,  
11 and control of the Chief of the National Guard Bureau.

12 “(b) *DISPOSITION AND FUNCTIONS.*—The Office shall  
13 be organized, trained, equipped, and managed to conduct  
14 administrative investigations in order to assist the States  
15 in the organization, maintenance, and operation of the Na-  
16 tional Guard as follows:

17 “(1) *In investigations of allegations of sexual as-*  
18 *sault involving members of the National Guard.*

19 “(2) *In investigations in circumstances involving*  
20 *members of the National Guard in which other law*  
21 *enforcement agencies within the Department of De-*  
22 *fense do not have, or have limited, jurisdiction or au-*  
23 *thority to investigate.*

24 “(3) *In investigations in such other cir-*  
25 *cumstances involving members of the National Guard*

1       *as the Chief of the National Guard Bureau may di-*  
 2       *rect.*

3       “(c) *SCOPE OF INVESTIGATIVE AUTHORITY.—Individ-*  
 4       *uals performing investigations described in subsection*  
 5       *(b)(1) are authorized—*

6               “(1) *to have access to all records, reports, audits,*  
 7       *reviews, documents, papers, recommendations, or*  
 8       *other material available to the applicable establish-*  
 9       *ment which relate to programs and operations with*  
 10       *respect to the National Guard; and*

11               “(2) *to request such information or assistance as*  
 12       *may be necessary for carrying out those duties from*  
 13       *any Federal, State, or local governmental agency or*  
 14       *unit thereof.”.*

15       “(b) *CLERICAL AMENDMENT.—The table of sections at*  
 16       *the beginning of chapter 1101 of such title is amended by*  
 17       *adding at the end the following new item:*

      “10509. *Office of Complex Investigations.”.*

18       **SEC. 513. REVIEW OF EFFECTS OF PERSONNEL REQUIRE-**  
 19               **MENTS AND LIMITATIONS ON THE AVAIL-**  
 20               **ABILITY OF MEMBERS OF THE NATIONAL**  
 21               **GUARD FOR THE PERFORMANCE OF FUNERAL**  
 22               **HONORS DUTY FOR VETERANS.**

23       “(a) *REVIEW REQUIRED.—The Secretary of Defense*  
 24       *shall undertake a review of the effects of the personnel re-*  
 25       *quirements and limitations described in subsection (b) with*

1 *respect to the members of the National Guard in order to*  
2 *determine whether or not such requirements unduly limit*  
3 *the ability of the Armed Forces to meet the demand for per-*  
4 *sonnel to perform funeral honors in connection with funer-*  
5 *als of veterans.*

6 (b) *PERSONNEL REQUIREMENTS AND LIMITATIONS.*—  
7 *The personnel requirements and limitations described in*  
8 *this subsection are the following:*

9 (1) *Requirements, such as the ceiling on the au-*  
10 *thorized number of members of the National Guard on*  
11 *active duty pursuant to section 115(b)(2)(B) of title*  
12 *10, United States Code, or end-strength limitations,*  
13 *that may operate to limit the number of members of*  
14 *the National Guard available for the performance of*  
15 *funeral honors duty.*

16 (2) *Any other requirements or limitations appli-*  
17 *cable to the reserve components of the Armed Forces*  
18 *in general, or the National Guard in particular, that*  
19 *may operate to limit the number of members of the*  
20 *National Guard available for the performance of fu-*  
21 *neral honors duty.*

22 (c) *REPORT.*—*Not later than six months after the date*  
23 *of the enactment of this Act, the Secretary shall submit to*  
24 *the Committees on Armed Services of the Senate and the*  
25 *House of Representatives a report on the review undertaken*

1 *pursuant to subsection (a). The report shall include the fol-*  
2 *lowing:*

3 (1) *A description of the review.*

4 (2) *Such recommendations as the Secretary con-*  
5 *siders appropriate in light of the review for legislative*  
6 *or administrative action to expand the number of*  
7 *members of the National Guard available for the per-*  
8 *formance of funeral honors functions at funerals of*  
9 *veterans.*

10 **SEC. 514. TRAINING FOR NATIONAL GUARD PERSONNEL ON**  
11 **WILDFIRE RESPONSE.**

12 (a) *IN GENERAL.*—*The Secretary of the Army and the*  
13 *Secretary of the Air Force shall, in consultation with the*  
14 *Chief of the National Guard Bureau, provide for training*  
15 *of appropriate personnel of the National Guard on wildfire*  
16 *response, with preference given to States with the most acres*  
17 *of Federal forestlands administered by the U.S. Forest Serv-*  
18 *ice or the Department of the Interior.*

19 (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
20 *authorized to be appropriated for the Department of Defense*  
21 *a total of \$10,000,000, in addition to amounts authorized*  
22 *to be appropriated by sections 421 and 301, in order to*  
23 *carry out the training required by subsection (a) and pro-*  
24 *vide related equipment.*

1       (c) *OFFSET.*—*In the funding table in section 4101, in*  
2 *the item relating to Fuzes, Procurement of Ammunition,*  
3 *Air Force, decrease the amount in the Senate Authorized*  
4 *column by \$10,000,000.*

5 **SEC. 515. PLAN TO MEET DEMAND FOR CYBERSPACE CA-**  
6 **REER FIELDS IN THE RESERVE COMPONENTS**  
7 **OF THE ARMED FORCES.**

8       (a) *PLAN REQUIRED.*—*Not later than one year after*  
9 *the date of the enactment of this Act, the Secretary of De-*  
10 *fense shall submit to Congress a report setting forth a plan*  
11 *for meeting the increased demand for cyberspace career*  
12 *fields in the reserve components of the Armed Forces.*

13       (b) *ELEMENTS.*—*The plan shall take into account the*  
14 *following:*

15           (1) *The availability of qualified local workforces.*

16           (2) *Potential best practices of private sector com-*  
17 *panies involved in cyberspace and of educational in-*  
18 *stitutions with established cyberspace-related aca-*  
19 *demie programs.*

20           (3) *The potential for Total Force Integration*  
21 *throughout the defense cyber community.*

22           (4) *Recruitment strategies to attract individuals*  
23 *with critical cyber training and skills to join the re-*  
24 *serve components.*

1       (c) *METRICS*.—*The plan shall include appropriate*  
2 *metrics for use in the evaluation of the implementation of*  
3 *the plan.*

4                   ***Subtitle C—General Service***  
5                   ***Authorities***

6 ***SEC. 516. REPORT ON POLICIES FOR REGULAR AND RE-***  
7                   ***SERVE OFFICER CAREER MANAGEMENT.***

8       (a) *REPORT REQUIRED*.—*Not later than March 1,*  
9 *2018, the Secretary of Defense shall submit to the Commit-*  
10 *tees on Armed Services of the Senate and the House of Rep-*  
11 *resentatives a report setting forth the results of a review,*  
12 *undertaken by the Secretary for purposes of the report, of*  
13 *the policies of the Department of Defense for the career*  
14 *management of regular and reserve officers of the Armed*  
15 *Forces pursuant to the Defense Officer Personnel Manage-*  
16 *ment Act (commonly referred to as “DOPMA”) and the Re-*  
17 *serve Officer Personnel Management Act (commonly re-*  
18 *ferred to as “ROPMA”).*

19       (b) *ELEMENTS*.—*The report required by subsection (a)*  
20 *shall include recommendations for the following:*

21               (1) *Mechanisms to increase the ability of officers*  
22 *to repeatedly transition between active duty and re-*  
23 *serve active-status throughout the course of their mili-*  
24 *tary careers.*

1           (2) *Mechanisms to provide the Armed Forces ad-*  
2           *ditional flexibility in managing the populations of of-*  
3           *ficers in the grades of major, lieutenant colonel, and*  
4           *colonel and Navy grades of lieutenant commander,*  
5           *commander, and captain.*

6           (3) *Mechanisms to use the modernized retirement*  
7           *system provided by part I of subtitle D of title VI of*  
8           *the National Defense Authorization Act for Fiscal*  
9           *Year 2016 (Public Law 114–92) to encourage officers*  
10          *to pursue careers of lengths that vary from the tradi-*  
11          *tional 20-year military career.*

12          (4) *Mechanisms to provide for alternative career*  
13          *tracks for officers that encourage and facilitate the re-*  
14          *ruitment and retention of officers with technical ex-*  
15          *pertise.*

16          (5) *Mechanisms for a career and promotion path*  
17          *for officers in cyber-related specialties.*

18          (6) *Mechanism to ensure the officer corps does*  
19          *not become disproportionately weighted toward offi-*  
20          *cers serving in the grades of major, lieutenant colonel,*  
21          *and colonel and Navy grades of lieutenant com-*  
22          *mander, commander, and captain.*

23          (7) *Any other mechanisms or matters the Sec-*  
24          *retary considers appropriate to improve the effective*

1       *recruitment, management, and retention of regular*  
2       *and reserve officers of the Armed Forces.*

3       (c) *SCOPE OF REPORT.*—*If any recommendation of the*  
4       *Secretary in the report required by subsection (a) requires*  
5       *legislative or administrative action for implementation, the*  
6       *report shall include a proposal for legislative action, or a*  
7       *description of administrative action, as applicable, to im-*  
8       *plement such recommendation.*

9       **SEC. 517. RESPONSIBILITY OF CHIEFS OF STAFF OF THE**  
10                               **ARMED FORCES FOR STANDARDS AND QUALI-**  
11                               **FICATIONS FOR MILITARY SPECIALTIES**  
12                               **WITHIN THE ARMED FORCES.**

13       (a) *IN GENERAL.*—*Except as provided in subsection*  
14       *(d), responsibility within an Armed Force for establishing,*  
15       *approving, and modifying the criteria, standards, and*  
16       *qualifications for military speciality codes within that*  
17       *Armed Force shall be vested solely in the Chief of Staff of*  
18       *that Armed Force.*

19       (b) *MILITARY SPECIALTY CODES.*—*For purposes of*  
20       *this section, a military specialty code is as follows:*

21               (1) *A Military Occupational Speciality Code*  
22       *(MOS) and any other military specialty or military*  
23       *occupational specialty of the Army, in the case of the*  
24       *Army.*

1           (2) *A Naval Enlisted Code (NEC), Unrestricted*  
2 *Duty code, Restricted Duty code, Restricted Line duty*  
3 *code, Staff Corps code, Limited Duty code, Warrant*  
4 *Officer code, and any other military specialty or*  
5 *military occupational specialty of the Navy, in the*  
6 *case of the Navy.*

7           (3) *An Air Force Specialty Code (AFSC) and*  
8 *any other military specialty or military occupational*  
9 *specialty of the Air Force, in the case of the Air*  
10 *Force.*

11           (4) *A Military Occupational Speciality Code*  
12 *(MOS) and any other military specialty or military*  
13 *occupational specialty of the Marine Corps, in the*  
14 *case of the Marine Corps.*

15           (c) *CHIEF OF STAFF FOR MARINE CORPS.—For pur-*  
16 *poses of this section, the Commandant of the Marine Corps*  
17 *shall be deemed to be the Chief of Staff of the Marine Corps.*

18           (d) *GENDER INTEGRATION.—Nothing in this section*  
19 *shall be construed to terminate, alter, or revise the authority*  
20 *of the Secretary of Defense to establish, approve, modify,*  
21 *or otherwise regulate gender-based criteria, standards, and*  
22 *qualifications for military specialties within the Armed*  
23 *Forces.*

1 **SEC. 518. CONFIDENTIAL REVIEW OF CHARACTERIZATION**  
2 **OF TERMS OF DISCHARGE OF MEMBERS OF**  
3 **THE ARMED FORCES WHO ARE SURVIVORS OF**  
4 **SEXUAL ASSAULT.**

5 (a) *CODIFICATION OF CURRENT CONFIDENTIAL PROC-*  
6 *ESS.—*

7 (1) *CODIFICATION.—Chapter 79 of title 10,*  
8 *United States Code, is amended by inserting after sec-*  
9 *tion 1554a a new section 1554b consisting of—*

10 (A) *a heading as follows:*

11 **“§1554b. Confidential review of characterization of**  
12 **terms of discharge of members of the**  
13 **armed forces who are survivors of sex-re-**  
14 **lated offenses”;** *and*

15 (B) *a text consisting of the text of section*  
16 *547 of the Carl Levin and Howard P. “Buck”*  
17 *McKeon National Defense Authorization Act for*  
18 *Fiscal Year 2015 (Public Law 113–291; 128*  
19 *Stat. 3375; 10 U.S.C. 1553 note).*

20 (2) *CLERICAL AMENDMENT.—The table of sec-*  
21 *tions at the beginning of chapter 79 of such title is*  
22 *amended by inserting after the item relating to sec-*  
23 *tion 1554a the following new item:*

*“1554b. Confidential review of characterization of terms of discharge of members  
of the armed forces who are survivors of sex-related offenses.”.*

1           (3) *CONFORMING REPEAL.*—Section 547 of the  
2       *Carl Levin and Howard P. “Buck” McKeon National*  
3       *Defense Authorization Act for Fiscal Year 2015* is re-  
4       pealed.

5           (b) *TERMINOLOGY.*—Subsection (a) of section 1554b of  
6       title 10, *United States Code*, as added by subsection (a) of  
7       this section, is amended by striking “victim” each place it  
8       appears and inserting “survivor”.

9           (c) *CLARIFICATION OF APPLICABILITY TO INDIVIDUALS*  
10       *WHO ALLEGE THEY WERE A SURVIVOR OF A SEX-RELATED*  
11       *OFFENSE DURING MILITARY SERVICE.*—Subsection (a) of  
12       such section 1554b, as so added, is further amended by in-  
13       serting after “sex-related offense” the following: “, or alleges  
14       that the individual was the survivor of a sex-related of-  
15       fense,”.

16          (d) *CONFORMING AMENDMENTS.*—Such section 1554b,  
17       as so added, is further amended—

18               (1) by striking “Armed Forces” each place it ap-  
19       pears in subsections (a) and (b) and inserting “armed  
20       forces”;

21               (2) in subsection (a)—

22                       (A) by striking “boards for the correction of  
23       military records of the military department con-  
24       cerned” and inserting “boards of the military de-

1            *partment concerned established in accordance*  
2            *with this chapter”*; and

3                    *(B) by striking “such an offense” and in-*  
4                    *serting “a sex-related offense”*;

5                    *(3) in subsection (b), by striking “boards for the*  
6                    *correction of military records” and inserting “boards*  
7                    *of the military department concerned established in*  
8                    *accordance with this chapter”*; and

9                    *(4) in subsection (d)—*

10                    *(A) in paragraph (1), by striking “title 10,*  
11                    *United States Code” and inserting “this title”*;  
12                    *and*

13                    *(B) in paragraphs (2) and (3), by striking*  
14                    *“such title” and inserting “this title”*.

15 **SEC. 519. IMPROVEMENTS TO CERTAIN AUTHORITIES AND**  
16                    **PROCEDURES OF DISCHARGE REVIEW**  
17                    **BOARDS.**

18            *(a) REPEAL OF 15-YEAR STATUTE OF LIMITATIONS ON*  
19            *MOTIONS OR REQUESTS FOR REVIEW.—Subsection (a) of*  
20            *section 1553 of title 10, United States Code, is amended*  
21            *by striking the second sentence.*

22            *(b) TELEPHONIC PRESENTATION OF EVIDENCE.—Sub-*  
23            *section (c) of such section is amended in the second sentence*  
24            *by striking “or by affidavit” and inserting “, by affidavit,*

1 *or by telephone or video conference (to the extent reasonable*  
 2 *and technically feasible)”.*

3 *(c) EFFECTIVE DATE.—The amendments made by this*  
 4 *section shall take effect on October 1, 2018.*

5 **SEC. 520. PUBLIC AVAILABILITY OF INFORMATION RELATED**  
 6 **TO DISPOSITION OF CLAIMS REGARDING DIS-**  
 7 **CHARGE OR RELEASE OF MEMBERS OF THE**  
 8 **ARMED FORCES WHEN THE CLAIMS INVOLVE**  
 9 **SEXUAL ASSAULT.**

10 *(a) BOARDS FOR THE CORRECTION OF MILITARY*  
 11 *RECORDS.—Section 1552(h) of title 10, United States Code,*  
 12 *is amended by adding at the end the following new para-*  
 13 *graph:*

14 *“(4) The number and disposition of claims de-*  
 15 *cided during the calendar quarter preceding the cal-*  
 16 *endar quarter in which such information is made*  
 17 *available in which sexual assault is alleged to have*  
 18 *contributed, whether in whole or in part, to the origi-*  
 19 *nal characterization of the discharge or release of the*  
 20 *claimant.”.*

21 *(b) DISCHARGE REVIEW BOARDS.—Section 1553(f) of*  
 22 *title 10, United States Code, is amended by adding at the*  
 23 *end the following new paragraph:*

24 *“(4) The number and disposition of claims de-*  
 25 *cided during the calendar quarter preceding the cal-*



1 *graph (2) for a person who enlists under section 504(b)(2)*  
 2 *of this title if the Secretary determines that the period of*  
 3 *extension under this paragraph is required for the perform-*  
 4 *ance of adequate background and security reviews of that*  
 5 *person.*

6 “(B) *The authority to make an extension under this*  
 7 *paragraph shall expire on December 31, 2019. The expira-*  
 8 *tion of such authority shall not effect the validity of any*  
 9 *extension made in accordance with this paragraph on or*  
 10 *before that date.”; and*

11 *(5) in paragraph (4), as redesignated by para-*  
 12 *graph (1) of this section, by striking “paragraph (1)”*  
 13 *and inserting “this subsection”.*

14 ***Subtitle D—Military Justice***  
 15 ***Matters***

16 ***SEC. 521. REVISION TO MANUAL FOR COURTS-MARTIAL***  
 17 ***WITH RESPECT TO DISSEMINATION OF VIS-***  
 18 ***UAL DEPICTIONS OF PRIVATE AREAS OR SEX-***  
 19 ***UALLY EXPLICIT CONDUCT WITHOUT THE***  
 20 ***CONSENT OF THE PERSON DEPICTED.***

21 *(a) REQUIREMENT TO ENUMERATE OFFENSE FOR*  
 22 *PURPOSES OF GENERAL PUNITIVE ARTICLE.—Not later*  
 23 *than 180 days after the date of the enactment of this Act,*  
 24 *part IV of the Manual for Courts-Martial shall be amended*  
 25 *to include as an enumerated offense under section 934 of*

1 *title 10, United States Code (article 134 of the Uniform*  
2 *Code of Military Justice), the distribution of a visual depic-*  
3 *tion of the private area of a person or of sexually explicit*  
4 *conduct involving a person that was—*

5           (1) *photographed, videotaped, filmed, or recorded*  
6 *by any means with the consent of such person; and*

7           (2) *distributed by another person who knew or*  
8 *should have known that the depicted person did not*  
9 *consent to such distribution.*

10 (b) *PRIVATE AREA DEFINED.—In this section, the*  
11 *term “private area” has the meaning given the term in sec-*  
12 *tion 920c(d) of title 10, United States Code (article 120c(d)*  
13 *of the Uniform Code of Military Justice).*

14 **SEC. 522. TECHNICAL AND CONFORMING AMENDMENTS IN**  
15 **CONNECTION WITH REFORM OF THE UNI-**  
16 **FORM CODE OF MILITARY JUSTICE.**

17 (a) *ARTICLES 1, 6b, AND 137.—*

18           (1) *Section 801 of title 10, United States Code*  
19 *(article 1 of the Uniform Code of Military Justice),*  
20 *is amended in the matter preceding paragraph (1) by*  
21 *striking “chapter:” and inserting “chapter (the Uni-*  
22 *form Code of Military Justice):”.*

23           (2) *Section 806b(b) of title 10, United States*  
24 *Code (article 6b(b) of the Uniform Code of Military*

1 *Justice), is amended by striking “(the Uniform Code*  
2 *of Military Justice)”.*

3 *(3) Section 937 of title 10, United States Code*  
4 *(article 137 of the Uniform Code of Military Justice),*  
5 *as amended by section 5503 of the National Defense*  
6 *Authorization Act for Fiscal Year 2017 (Public Law*  
7 *114–328), is further amended by striking “(the Uni-*  
8 *form Code of Military Justice)” each place it appears*  
9 *as follows:*

10 *(A) In subsection (a)(1), in the matter pre-*  
11 *ceding subparagraph (A).*

12 *(B) In subsection (b), in the matter pre-*  
13 *ceding subparagraph (A).*

14 *(C) In subsection (d), in the matter pre-*  
15 *ceding paragraph (1).*

16 *(b) ARTICLE 6b.—Section 806b(e)(3) of title 10,*  
17 *United States Code (article 6b(e)(3) of the Uniform Code*  
18 *of Military Justice), is amended—*

19 *(1) by inserting after “President,” the following:*  
20 *“subject to section 830a of this title (article 30a).”;*

21 *(2) by striking “and, to the extent practicable,”*  
22 *and inserting “To the extent practicable, such a peti-*  
23 *tion”; and*

24 *(3) by striking “before the court.” and inserting*  
25 *“before the Court of Criminal Appeals.”.*

1       (c) *ARTICLE 30a.*—*Subsection (a)(1) of section 830a*  
2 *of title 10, United States Code (article 30a of the Uniform*  
3 *Code of Military Justice), as added by section 5202 of the*  
4 *National Defense Authorization Act for Fiscal Year 2017,*  
5 *is amended—*

6           (1) *in the matter preceding subparagraph (A),*  
7 *by inserting “, or otherwise act on,” after “to review”;*  
8 *and*

9           (2) *by adding at the end the following new sub-*  
10 *paragraph:*

11           “(D) *Pre-referral matters under subsections (c)*  
12 *and (e) of section 806b of this title (article 6b).”.*

13       (d) *ARTICLE 39.*—*Subsection (a)(4) of section 839 of*  
14 *title 10, United States Code (article 39 of the Uniform Code*  
15 *of Military Justice), as amended by section 5222(1) of the*  
16 *National Defense Authorization Act for Fiscal Year 2017,*  
17 *is amended by striking “in non-capital cases unless the ac-*  
18 *cused requests sentencing by members under section 825 of*  
19 *this title (article 25)” and inserting “under section*  
20 *853(b)(1) of this title (article 53(b)(1))”.*

21       (e) *ARTICLE 43.*—*Subsection (i) of section 843 of title*  
22 *10, United States Code (article 43 of the Uniform Code of*  
23 *Military Justice), as added by section 5225(c) of the Na-*  
24 *tional Defense Authorization Act for Fiscal Year 2017, is*

1 amended by striking “DNA EVIDENCE.—” and inserting  
2 “DNA EVIDENCE.—”.

3 (f) ARTICLE 48.—Subsection (c)(1) of section 848 of  
4 title 10, United States Code (article 48 of the Uniform Code  
5 of Military Justice), as amended by section 5230 of the Na-  
6 tional Defense Authorization Act for Fiscal Year 2017, is  
7 further amended by striking “section 866(g) of this title (ar-  
8 ticle 66(g))” and inserting “section 866(h) of this title (arti-  
9 cle 66(h))”.

10 (g) ARTICLE 53.—Subsection (b)(1)(B) of section 853  
11 of title 10, United States Code (article 53 of the Uniform  
12 Code of Military Justice), as amended by section 5236 of  
13 the National Defense Authorization Act for Fiscal Year  
14 2017, is further amended by striking “in a trial”.

15 (h) ARTICLE 53a.—Subsection (d) of section 853a of  
16 title 10, United States Code (article 53a of the Uniform  
17 Code of Military Justice), as added by section 5237 of the  
18 National Defense Authorization Act for Fiscal Year 2017,  
19 is amended by striking “military judge” the second place  
20 it appears and inserting “court-martial”.

21 (i) ARTICLE 56.—Subsection (d)(1) of section 856 of  
22 title 10, United States Code (article 56 of the Uniform Code  
23 of Military Justice), as amended by section 5301 of the Na-  
24 tional Defense Authorization Act for Fiscal Year 2017, is  
25 further amended—

1           (1) *in the matter preceding subparagraph (A),*  
2 *by inserting after “concerned,” the following: “under*  
3 *standards and procedures set forth in regulations pre-*  
4 *scribed by the President,”; and*

5           (2) *in subparagraph (B), by inserting after*  
6 *“(B)” the following: “as determined in accordance*  
7 *with standards and procedures prescribed by the*  
8 *President,”.*

9           (j) *ARTICLE 58a.—*

10           (1) *Subsection (a) of section 858a of title 10,*  
11 *United States Code (article 58a of the Uniform Code*  
12 *of Military Justice), as amended by section 5303(1)*  
13 *of the National Defense Authorization Act for Fiscal*  
14 *Year 2017, is further amended in the matter after*  
15 *paragraph (3) by inserting after “reduces” the fol-*  
16 *lowing: “, if such a reduction is authorized by regula-*  
17 *tion prescribed by the President,”.*

18           (2) *The heading of such section (article) is*  
19 *amended to read as follows:*

20 **“§858a. Art 58a. Sentences: reduction in enlisted**  
21 **grade”.**

22           (k) *ARTICLE 58b.—Subsection (b) of section 858b of*  
23 *title 10, United States Code (article 58b of the Uniform*  
24 *Code of Military Justice), is amended in the first sentence*  
25 *by striking “section 860 of this title (article 60)” and in-*

1 *serting “section 860a or 860b of this title (article 60a or*  
2 *60b)”.*

3 *(l) ARTICLE 62.—Subsection (b) of section 862 of title*  
4 *10, United States Code (article 62 of the Uniform Code of*  
5 *Military Justice), is amended by striking “, notwith-*  
6 *standing section 866(c) of this title (article 66(c))”.*

7 *(m) ARTICLE 63.—Subsection (b) of section 863 of title*  
8 *10, United States Code (article 63 of the Uniform Code of*  
9 *Military Justice), as added by section 5327 of the National*  
10 *Defense Authorization Act for Fiscal Year 2017, is amended*  
11 *by striking the period at the end and inserting “, subject*  
12 *to such limitations as the President may prescribe by regu-*  
13 *lation.”.*

14 *(n) ARTICLE 64.—Subsection (a) of section 864 of title*  
15 *10, United States Code (article 64 of the Uniform Code of*  
16 *Military Justice), as amended by section 5328(a) of the Na-*  
17 *tional Defense Authorization Act for Fiscal Year 2017, is*  
18 *further amended by striking “(a) (a) IN GENERAL.—” and*  
19 *inserting “(a) IN GENERAL.—”.*

20 *(o) ARTICLE 65.—Subsection (b)(1) of section 865 of*  
21 *title 10, United States Code (article 65 of the Uniform Code*  
22 *of Military Justice), as amended by section 5329 of the Na-*  
23 *tional Defense Authorization Act for Fiscal Year 2017, is*  
24 *further amended by striking “section 866(b)(2) of this title*

1 *(article 66(b)(2))” and inserting “section 866(b)(3) of this*  
2 *title (article 66(b)(3))”.*

3       *(p) ARTICLE 66.—Subsection (e)(2)(C) of section 866*  
4 *of title 10, United States Code (article 66 of the Uniform*  
5 *Code of Military Justice), as amended by section 5330 of*  
6 *the National Defense Authorization Act for Fiscal Year*  
7 *2017, is further amended by inserting after “required” the*  
8 *following: “by regulation prescribed by the President or”.*

9       *(q) ARTICLE 69.—Subsection (c)(1)(A) of section 869*  
10 *of title 10, United States Code (article 69 of the Uniform*  
11 *Code of Military Justice), as amended by section 5233 of*  
12 *the National Defense Authorization Act for Fiscal Year*  
13 *2017, is further amended by inserting a comma after “in*  
14 *part”.*

15       *(r) ARTICLE 82.—Subsection (b) of section 882 of title*  
16 *10, United States Code (article 82 of the Uniform Code of*  
17 *Military Justice), as amended by section 5403 of the Na-*  
18 *tional Defense Authorization Act for Fiscal Year 2017, is*  
19 *further amended by striking “section 99” and inserting*  
20 *“section 899”.*

21       *(s) ARTICLE 103a.—Section 8312(b)(2)(A) of title 5,*  
22 *United States Code, is amended by striking “article 106a”*  
23 *and inserting “article 103a”.*

24       *(t) ARTICLE 119a.—Subsection (b) of section 919a of*  
25 *title 10, United States Code (article 119a of the Uniform*

1 *Code of Military Justice*), as amended by section  
2 5401(13)(B) of the *National Defense Authorization Act for*  
3 *Fiscal Year 2017*, is further amended—

4 (1) by striking “928a, 926, and 928” and insert-  
5 ing “926, 928, and 928a”; and

6 (2) by striking “128a 126, and 128” and insert-  
7 ing “126, 128, and 128a”.

8 (u) *ARTICLE 120*.—Subsection (g)(2) of section 920 of  
9 title 10, *United States Code* (article 120 of the *Uniform*  
10 *Code of Military Justice*), as amended by section 5430(b)  
11 of the *National Defense Authorization Act for Fiscal Year*  
12 *2017*, is further amended in the first sentence by striking  
13 “brest” and inserting “breast”.

14 (v) *ARTICLE 128*.—Subsection (b)(2) of section 928 of  
15 title 10, *United States Code* (article 128 of the *Uniform*  
16 *Code of Military Justice*), as amended by section 5441 of  
17 the *National Defense Authorization Act for Fiscal Year*  
18 *2017*, is further amended by striking the comma after “sub-  
19 stantial bodily harm”.

20 (w) *ARTICLE 132*.—Subsection (b)(2) of section 932 of  
21 title 10, *United States Code* (article 132 of the *Uniform*  
22 *Code of Military Justice*), as added by section 5450 of the  
23 *National Defense Authorization Act for Fiscal Year 2017*,  
24 is amended by striking “section 1034(h)” and inserting  
25 “section 1034(j)”.

1       (x) *ARTICLE 146.*—*Subsection (f) of section 946 of title*  
2 *10, United States Code (article 146 of the Uniform Code*  
3 *of Military Justice), as amended by section 5521 of the Na-*  
4 *tional Defense Authorization Act for Fiscal Year 2017, is*  
5 *further amended—*

6           (1) *in paragraph (2), by striking the sentence be-*  
7 *ginning “Not later than” and inserting the following*  
8 *new sentence: “The analysis under this paragraph*  
9 *shall be included in the assessment required by para-*  
10 *graph (1).”;* and

11           (2) *by striking paragraph (5) and inserting the*  
12 *following new paragraph (5):*

13           “(5) *REPORTS.*—*With respect to each review and*  
14 *assessment under this subsection, the Panel shall sub-*  
15 *mit a report to the Committees on Armed Services of*  
16 *the Senate and the House of Representatives. Each re-*  
17 *port—*

18                   “(A) *shall set forth the results of the review*  
19 *and assessment concerned, including the findings*  
20 *and recommendations of the Panel; and*

21                   “(B) *shall be submitted not later than De-*  
22 *cember 31 of the calendar year in which the re-*  
23 *view and assessment is concluded.”.*

24       (y) *TABLES OF SECTIONS.*—

1           (1) *The table of sections at the beginning of sub-*  
2 *chapter II of chapter 47 of title 10, United States*  
3 *Code (the Uniform Code of Military Justice), as*  
4 *amended by section 5541(1) of the National Defense*  
5 *Authorization Act for Fiscal Year 2017, is further*  
6 *amended in the items relating to sections 810 and*  
7 *812 (articles 10 and 12) by striking “Art.”.*

8           (2) *The table of sections at the beginning of sub-*  
9 *chapter V of chapter 47 of title 10, United States*  
10 *Code (the Uniform Code of Military Justice), as*  
11 *amended by section 5541(2) of the National Defense*  
12 *Authorization Act for Fiscal Year 2017, is further*  
13 *amended—*

14                 (A) *by striking “825.” the second place it*  
15 *appears and inserting “825a.”; and*

16                 (B) *in the items relating to sections 825a,*  
17 *826a, and 829 (articles 25a, 26a, and 29), by*  
18 *striking “Art.”.*

19           (3) *The table of sections at the beginning of sub-*  
20 *chapter VI of chapter 47 of title 10, United States*  
21 *Code (the Uniform Code of Military Justice), as*  
22 *amended by section 5541(3) of the National Defense*  
23 *Authorization Act for Fiscal Year 2017, is further*  
24 *amended—*

1           (A) by striking “830.” the second place it  
2           appears and inserting “830a.”; and

3           (B) in the items relating to sections 830a  
4           and 832 through 835 (articles 30a and 32  
5           through 35), by striking “Art.”.

6           (4) The table of sections at the beginning of sub-  
7           chapter VII of chapter 47 of title 10, United States  
8           Code (the Uniform Code of Military Justice), as  
9           amended by section 5541(4) of the National Defense  
10          Authorization Act for Fiscal Year 2017, is further  
11          amended in the items relating to sections 846 through  
12          848, 850, 852, 853, and 853a (articles 46 through 48,  
13          50, 52, 53, and 53a) by striking “Art.”.

14          (5) The table of sections at the beginning of sub-  
15          chapter VIII of chapter 47 of title 10, United States  
16          Code (the Uniform Code of Military Justice), as  
17          amended by section 5541(5) of the National Defense  
18          Authorization Act for Fiscal Year 2017, is further  
19          amended by striking the item relating to section 858a  
20          (article 58a) and inserting the following new item:

“858a. 58a. Sentences: reduction in enlisted grade.”.

21          (6) The table of sections at the beginning of sub-  
22          chapter IX of chapter 47 of title 10, United States  
23          Code (the Uniform Code of Military Justice), as  
24          amended by section 5541(6) of the National Defense  
25          Authorization Act for Fiscal Year 2017, is further

1        *amended in the items relating to sections 860 through*  
2        *861, 864 through 866, and 869 (articles 60 through*  
3        *61, 64 through 66, and 69) by striking “Art.”.*

4            *(7) The table of sections at the beginning of sub-*  
5        *chapter X of chapter 47 of title 10, United States*  
6        *Code (the Uniform Code of Military Justice), as*  
7        *amended by section 5452 of the National Defense Au-*  
8        *thorization Act for Fiscal Year 2017, is further*  
9        *amended—*

10            *(A) in the items relating to sections 877*  
11        *through 934 (articles 77 through 134), by strik-*  
12        *ing “Art.”;*

13            *(B) in the item relating to section 887a (ar-*  
14        *ticle 87a), by striking “Resistance” and inserting*  
15        *“Resistance”;*

16            *(C) in the item relating to section 908 (arti-*  
17        *cle 108), by striking “of the United States–Loss”*  
18        *and inserting “of United States–Loss,”; and*

19            *(D) in the item relating to section 909 (ar-*  
20        *ticle 109), by striking “of the” and inserting*  
21        *“of”.*

22            *(8) The table of sections at the beginning of sub-*  
23        *chapter XI of chapter 47 of title 10, United States*  
24        *Code (the Uniform Code of Military Justice), as*  
25        *amended by section 5541(7) of the National Defense*

1 *Authorization Act for Fiscal Year 2017, is further*  
2 *amended in the items relating to sections 936 and*  
3 *940a (articles 136 and 140a) by striking “Art.”.*

4 (9) *The table of sections at the beginning of sub-*  
5 *chapter XII of chapter 47 of title 10, United States*  
6 *Code (the Uniform Code of Military Justice), as*  
7 *amended by section 5541(8) of the National Defense*  
8 *Authorization Act for Fiscal Year 2017, is further*  
9 *amended in the items relating to sections 946 and*  
10 *946a (articles 146 and 146a) by striking “Art.”.*

11 (z) *OTHER PROVISIONS OF TITLE 10 IN CONNECTION*  
12 *WITH UCMJ REFORM.—*

13 (1) *Section 673(a) of title 10, United States*  
14 *Code, is amended by striking “section 920, 920a, or*  
15 *920c of this title (article 120, 120a, or 120c of the*  
16 *Uniform Code of Military Justice)” and inserting*  
17 *“section 920, 920c, or 930 of this title (article 120,*  
18 *120c, or 130 of the Uniform Code of Military Jus-*  
19 *tice)”.*

20 (2) *Section 674(a) of such title is amended by*  
21 *striking “section 920, 920a, 920b, 920c, or 925 of this*  
22 *title (article 120, 120a, 120b, 120c, or 125 of the Uni-*  
23 *form Code of Military Justice)” and inserting “sec-*  
24 *tion 920, 920b, 920c, or 930 of this title (article 120,*

1     *120b, 120c, or 130 of the Uniform Code of Military*  
2     *Justice)”*.

3             (3) *Section 1034(c)(2)(A) of such title is amend-*  
4     *ed by striking “sections 920 through 920c of this title*  
5     *(articles 120 through 120c of the Uniform Code of*  
6     *Military Justice)” and inserting “section 920, 920b,*  
7     *920c, or 930 of this title (article 120, 120b, 120c, or*  
8     *130 of the Uniform Code of Military Justice)”*.

9             (4) *Section 1044e(g)(1) of such title is amended*  
10    *by striking “section 920, 920a, 920b, 920c, or 925 of*  
11    *this title (article 120, 120a, 120b, 120c, or 125 of the*  
12    *Uniform Code of Military Justice)” and inserting*  
13    *“section 920, 920b, 920c, or 930 of this title (article*  
14    *120, 120b, 120c, or 130 of the Uniform Code of Mili-*  
15    *tary Justice)”*.

16             (5) *Section 1059(e) of such title is amended—*

17                 (A) *in paragraph (1)(A)(ii), by striking*  
18                 *“the approval of” and all that follows through*  
19                 *“as approved,” and inserting “entry of judgment*  
20                 *under section 860c of this title (article 60c of the*  
21                 *Uniform Code of Military Justice) if the sen-*  
22                 *tence”;* and

23                 (B) *in paragraph (3)(A), by striking “by a*  
24                 *court-martial” the second place it appears and*  
25                 *all that follows through “include any such pun-*



1 further amended by adding at the end the following new  
2 sentence: “Review of any decision on such a petition by the  
3 Court of Appeals for the Armed Forces shall have priority  
4 in the Court of Appeals for the Armed Forces, as determined  
5 under the rules of the Court of Appeals for the Armed  
6 Forces.”.

7 (b) *EFFECTIVE DATE.*—The amendment made by sub-  
8 section (a) shall take effect immediately after the coming  
9 into effect of the following (in the order specified):

10 (1) The amendments made by division E of the  
11 National Defense Authorization Act for Fiscal Year  
12 2017 (Public Law 114–328), as provided for in sec-  
13 tion 5542 of that Act.

14 (2) The amendments made by section 522(b) of  
15 this Act, as provided in section 522(aa) of this Act.

16 **SEC. 524. ASSISTANCE OF DEFENSE COUNSEL IN ADDI-**  
17 **TIONAL POST-TRIAL MATTERS FOR ACCUSED**  
18 **CONVICTED BY COURT-MARTIAL.**

19 (a) *ASSISTANCE.*—Subsection (c)(2) of section 838 of  
20 title 10, United States Code (article 38 of the Uniform Code  
21 of Military Justice), is amended by striking “section 860  
22 of this title (article 60)” and inserting “section 860, 860a,  
23 or 860b of this title (article 60, 60a, or 60b)”.

24 (b) *EFFECTIVE DATE.*—The amendment made by sub-  
25 section (a) shall take effect immediately after the coming

1 *into effect of the amendments made by division E of the*  
2 *National Defense Authorization Act for Fiscal Year 2017*  
3 *(Public Law 114–328), as provided for in section 5542 of*  
4 *that Act.*

5 **SEC. 525. ENUMERATION OF ADDITIONAL LIMITATIONS ON**  
6 **ACCEPTANCE OF PLEA AGREEMENTS BY MILI-**  
7 **TARY JUDGES OF GENERAL OR SPECIAL**  
8 **COURTS-MARTIAL.**

9 (a) *IN GENERAL.*—*Subsection (b) of section 853a of*  
10 *title 10, United States Code (article 53a of the Uniform*  
11 *Code of Military Justice), as added by section 5237 of the*  
12 *National Defense Authorization Act for Fiscal Year 2017*  
13 *(Public Law 114–328), is amended—*

14 (1) *in paragraph (2), by striking “or” after the*  
15 *semicolon;*

16 (2) *in paragraph (3), by striking the period and*  
17 *inserting a semicolon; and*

18 (3) *by adding at the end the following new para-*  
19 *graphs:*

20 “(4) *is prohibited by law; or*

21 “(5) *is contrary to, or is inconsistent with, a*  
22 *regulation prescribed by the President with respect to*  
23 *terms, conditions, or other aspects of plea agree-*  
24 *ments.”.*

1       **(b) EFFECTIVE DATE.**—*The amendments made by sub-*  
 2 *section (a) shall take effect immediately after the coming*  
 3 *into effect of the amendments made by division E of the*  
 4 *National Defense Authorization Act for Fiscal Year 2017,*  
 5 *as provided for in section 5542 of that Act.*

6 **SEC. 526. ADDITIONAL PROCEEDINGS BY COURTS OF CRIMI-**  
 7 **NAL APPEALS BY ORDER OF UNITED STATES**  
 8 **COURT OF APPEALS FOR THE ARMED**  
 9 **FORCES.**

10       **(a) IN GENERAL.**—*Subsection (f)(3) of section 866 of*  
 11 *title 10, United States Code (article 66 of the Uniform Code*  
 12 *of Military Justice), as amended by section 5330 of the Na-*  
 13 *tional Defense Authorization Act for Fiscal Year 2017 (Pub-*  
 14 *lic Law 114–328), is further amended—*

15               **(1)** *by inserting after “Court” the first place it*  
 16 *appears the following: “of Criminal Appeals”; and*

17               **(2)** *by adding at the end the following new sen-*  
 18 *tence: “If the Court of Appeals for the Armed Forces*  
 19 *determines that additional proceedings are war-*  
 20 *ranted, the Court of Criminal Appeals shall order a*  
 21 *hearing or other proceeding in accordance with the*  
 22 *direction of the Court of Appeals for the Armed*  
 23 *Forces.”.*

24       **(b) EFFECTIVE DATE.**—*The amendments made by sub-*  
 25 *section (a) shall take effect immediately after the coming*

1 *into effect of the amendments made by division E of the*  
2 *National Defense Authorization Act for Fiscal Year 2017,*  
3 *as provided for in section 5542 of that Act.*

4 **SEC. 527. CLARIFICATION OF APPLICABILITY AND EFFEC-**  
5 **TIVE DATES FOR STATUTE OF LIMITATIONS**  
6 **AMENDMENTS IN CONNECTION WITH UNI-**  
7 **FORM CODE OF MILITARY JUSTICE REFORM.**

8 (a) *APPLICABILITY OF CERTAIN AMENDMENTS.—Ef-*  
9 *fective as of December 23, 2016, and immediately after the*  
10 *enactment of the National Defense Authorization Act for*  
11 *Fiscal Year 2017 (Public Law 114–328), to which such*  
12 *amendment relates, section 5225(f) of that Act is amended*  
13 *by striking “this subsection” and inserting “this section”.*

14 (b) *CHILD ABUSE OFFENSES.—With respect to offenses*  
15 *committed before the date designated by the President under*  
16 *section 5542(a) of the National Defense Authorization Act*  
17 *for Fiscal Year 2017, subsection (b)(2)(B) of section 843*  
18 *of title 10, United States Code (article 43 of the Uniform*  
19 *Code of Military Justice), shall be applied as in effect on*  
20 *December 22, 2016.*

21 (c) *FRAUDULENT ENLISTMENT OR APPOINTMENT OF-*  
22 *FENSES.—With respect to the period beginning on the date*  
23 *of the enactment of the National Defense Authorization Act*  
24 *for Fiscal Year 2017 and ending on the day before the date*  
25 *designated by the President under section 5542(a) of that*

1 *Act, in the application of subsection (h) of section 843 of*  
2 *title 10, United States Code (article 43 of the Uniform Code*  
3 *of Military Justice), as added by section 5225(b) of that*  
4 *Act, the reference in such subsection (h) to section 904a(1)*  
5 *of title 10, United States Code (article 104a(1) of the Uni-*  
6 *form Code of Military Justice), shall be deemed to be a ref-*  
7 *erence to section 883(1) of title 10, United States Code (ar-*  
8 *ticle 83(1) of the Uniform Code of Military Justice).*

9 **SEC. 528. MODIFICATION OF YEAR OF INITIAL REVIEW BY**  
10 **MILITARY JUSTICE REVIEW PANEL OF UNI-**  
11 **FORM CODE OF MILITARY JUSTICE REFORM**  
12 **AMENDMENTS.**

13 (a) *IN GENERAL.*—Subsection (f)(1) of section 946 of  
14 title 10, United States Code (article 146 of the Uniform  
15 Code of Military Justice), as amended by section 5521 of  
16 the National Defense Authorization Act for Fiscal Year  
17 2017 (Public Law 114–328), is further amended by striking  
18 “fiscal year 2020” and inserting “fiscal year 2021”.

19 (b) *EFFECTIVE DATE.*—The amendment made by sub-  
20 section (a) shall take effect immediately after the coming  
21 into effect of the amendments made by division E of the  
22 National Defense Authorization Act for Fiscal Year 2017,  
23 as provided for in section 5542 of that Act.

1 **SEC. 529. CLARIFICATION OF APPLICABILITY OF CERTAIN**  
2 **PROVISIONS OF LAW TO CIVILIAN JUDGES OF**  
3 **THE UNITED STATES COURT OF MILITARY**  
4 **COMMISSION REVIEW.**

5 *Section 950f(b) of title 10, United States Code, is*  
6 *amended by adding at the end the following new paragraph:*

7 *“(5)(A) For purposes of sections 203, 205, 207, 208,*  
8 *and 209 of title 18, the term ‘special Government employee’*  
9 *shall include a judge of the Court appointed under para-*  
10 *graph (3).*

11 *“(B) A person appointed as a judge of the Court under*  
12 *paragraph (3) shall be considered to be an officer or em-*  
13 *ployee of the United States with respect to such person’s*  
14 *status as a judge, but only during periods in which such*  
15 *person is performing the duties of such a judge. Any provi-*  
16 *sion of law that prohibits or limits the political or business*  
17 *activities of an employee of the United States shall only*  
18 *apply to such a judge during such periods.”.*

19 **SEC. 530. ENHANCEMENT OF EFFECTIVE PROSECUTION**  
20 **AND DEFENSE IN COURTS-MARTIAL AND RE-**  
21 **LATED MATTERS.**

22 *(a) ADDITIONAL ELEMENT IN PROGRAM FOR EFFEC-*  
23 *TIVE PROSECUTION AND DEFENSE.—Subsection (a)(1) of*  
24 *section 542 of the National Defense Authorization Act for*  
25 *Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2126;*  
26 *10 U.S.C. 827 note) is amended by inserting before the*

1 *semicolon the following: “or there is adequate supervision*  
2 *and oversight of trial counsel and defense counsel so detailed*  
3 *to ensure effective prosecution and defense in the court-mar-*  
4 *tial”.*

5 *(b) ASSIGNMENT OF CIVILIAN EMPLOYEES TO SUPER-*  
6 *VISE LESS EXPERIENCED JUDGE ADVOCATES IN PROSECU-*  
7 *TION AND DEFENSE.—Such section is further amended—*

8 *(1) by redesignating subsections (c) and (d) as*  
9 *subsections (d) and (e), respectively; and*

10 *(2) by inserting after subsection (b) the following*  
11 *new subsection (c):*

12 *“(c) ASSIGNMENT OF CIVILIAN EMPLOYEES TO SU-*  
13 *PERVISE LESS EXPERIENCED JUDGE ADVOCATES IN PROS-*  
14 *ECUTION AND DEFENSE.—*

15 *“(1) ASSIGNMENT AUTHORIZED.—The Secretary*  
16 *concerned may assign the function of supervising and*  
17 *overseeing prosecution or defense in courts-martial by*  
18 *less experienced judge advocates to civilian employees*  
19 *of the military department concerned or the Depart-*  
20 *ment of Homeland Security, as applicable, who have*  
21 *extensive litigation expertise.*

22 *“(2) STATUS AS SUPERVISOR.—A civilian em-*  
23 *ployee assigned to supervise and oversee the prosecu-*  
24 *tion or defense in a court-martial pursuant to this*  
25 *subsection is not required to be detailed to the case,*

1       *but must be reasonably available for consultation dur-*  
2       *ing court-martial proceedings.”.*

3       (c) *PILOT PROGRAMS ON PROFESSIONAL DEVELOP-*  
4       *MENTAL PROCESS FOR JUDGE ADVOCATES.—Subsection (d)*  
5       *of such section, as redesignated by subsection (b)(1) of this*  
6       *section, is amended—*

7             (1) *in paragraph (1), striking “establishing”*  
8             *and all that follows and inserting “a military justice*  
9             *career track for judge advocates under the jurisdiction*  
10            *of the Secretary.”;*

11            (2) *by redesignating paragraph (4) as para-*  
12            *graph (5); and*

13            (3) *by inserting after paragraph (3) the fol-*  
14            *lowing new paragraph (4):*

15            “(4) *ELEMENTS.—Each pilot program shall in-*  
16            *clude the following:*

17                    “(A) *A military justice career track for*  
18                    *judge advocates that leads to judge advocates*  
19                    *with military justice expertise in the grade of*  
20                    *colonel, or in the grade of captain in the case of*  
21                    *judge advocates of the Navy.*

22                    “(B) *The use of skill identifiers to identify*  
23                    *judge advocates for participation in the pilot*  
24                    *program from among judge advocates having ap-*

1           *propriate skill and experience in military justice*  
 2           *matters.*

3           “(C) *Guidance for promotion boards consid-*  
 4           *ering the selection for promotion of officers par-*  
 5           *ticipating in the pilot program in order to en-*  
 6           *sure that judge advocates who are participating*  
 7           *in the pilot program have the same opportunity*  
 8           *for promotion as all other judge advocate officers*  
 9           *being considered for promotion by such boards.*

10           “(D) *Such other matters as the Secretary*  
 11           *concerned considers appropriate.”.*

12 **SEC. 531. COURT OF APPEALS FOR THE ARMED FORCES JU-**  
 13           **RISDICTION TO REVIEW INTERLOCUTORY AP-**  
 14           **PEALS OF DECISIONS ON CERTAIN PETITIONS**  
 15           **FOR WRITS OF MANDAMUS.**

16           *Section 806b(e) of title 10, United States Code (article*  
 17           *6b(e) of the Uniform Code of Military Justice), is amend-*  
 18           *ed—*

19           (1) *in paragraph (1), by striking “paragraph*  
 20           *(4)”and inserting “paragraph (5)”;*

21           (2) *by redesignating paragraph (4) as para-*  
 22           *graph (5); and*

23           (3) *by inserting after paragraph (3) the fol-*  
 24           *lowing new paragraph (4):*

1       “(4) *The Court of Appeals for the Armed Forces may*  
 2 *review for legal error a grant or denial of a petition for*  
 3 *a writ of mandamus under this subsection by the Court of*  
 4 *Criminal Appeals, upon petition of a victim of an offense*  
 5 *under this chapter or of the accused, and on good cause*  
 6 *shown. Any such review shall, to the extent practicable, have*  
 7 *priority over all other proceedings of the Court of Appeals.”.*

8   **SEC. 532. PUNITIVE ARTICLE ON WRONGFUL BROADCAST**  
 9                   **OR DISTRIBUTION OF INTIMATE VISUAL IM-**  
 10                   **AGES OR VISUAL IMAGES OF SEXUALLY EX-**  
 11                   **PLICIT CONDUCT UNDER THE UNIFORM**  
 12                   **CODE OF MILITARY JUSTICE.**

13       (a) *PROHIBITION.*—*Subchapter X of chapter 47 of title*  
 14 *10, United States Code, is amended by inserting after sec-*  
 15 *tion 917 (article 117 of the Uniform Code of Military Jus-*  
 16 *tice) the following new section (article):*

17   **“§917a. Art. 117a. Wrongful broadcast or distribution**  
 18                   **of intimate visual images**

19       “(a) *PROHIBITION.*—*Any person subject to this chap-*  
 20 *ter who—*

21               “(1) *knowingly and wrongfully broadcasts or*  
 22 *distributes an intimate visual image of another per-*  
 23 *son or a visual image of sexually explicit conduct in-*  
 24 *volving a person who—*

1           “(A) is at least 18 years of age at the time  
2           the intimate visual image or visual image of sex-  
3           ually explicit conduct was created;

4           “(B) is identifiable from the intimate visual  
5           image or visual image of sexually explicit con-  
6           duct itself, or from information displayed in  
7           connection with the intimate visual image or  
8           visual image of sexually explicit conduct; and

9           “(C) does not explicitly consent to the  
10          broadcast or distribution of the intimate visual  
11          image or visual image of sexually explicit con-  
12          duct;

13          “(2) knows or reasonably should have known  
14          that the intimate visual image or visual image of sex-  
15          ually explicit conduct was made under circumstances  
16          in which the person depicted in the intimate visual  
17          image or visual image of sexually explicit conduct re-  
18          tained a reasonable expectation of privacy regarding  
19          any broadcast or distribution of the intimate visual  
20          image or visual image of sexually explicit conduct;  
21          and

22          “(3) knows or reasonably should have known  
23          that the broadcast or distribution of the intimate vis-  
24          ual image or visual image of sexually explicit conduct  
25          is likely—

1           “(A) to cause harm, harassment, intima-  
2           tion, emotional distress, or financial loss for the  
3           person depicted in the intimate visual image or  
4           visual image of sexually explicit conduct; or

5           “(B) to harm substantially the depicted per-  
6           son with respect to that person’s health, safety,  
7           business, calling, career, financial condition, rep-  
8           utation, or personal relationships,

9 *is guilty of wrongful distribution of intimate visual images*  
10 *or visual images of sexually explicit conduct and shall be*  
11 *punished as a court-martial may direct.*

12       “(b) *DEFINITIONS.—In this section (article):*

13           “(1) *BROADCAST.—The term ‘broadcast’ means*  
14 *to electronically transmit a visual image with the in-*  
15 *tent that it be viewed by a person or persons.*

16           “(2) *DISTRIBUTE.—The term ‘distribute’ means*  
17 *to deliver to the actual or constructive possession of*  
18 *another person, including transmission by mail or*  
19 *electronic means.*

20           “(3) *INTIMATE VISUAL IMAGE.—The term ‘inti-*  
21 *mate visual image’ means a visual image that depicts*  
22 *a private area of a person.*

23           “(4) *PRIVATE AREA.—The term ‘private area’*  
24 *means the naked or underwear-clad genitalia, anus,*  
25 *buttocks, or female areola or nipple.*

1           “(5) *REASONABLE EXPECTATION OF PRIVACY.*—  
2           *The term ‘reasonable expectation of privacy’ refers to*  
3           *circumstances in which a reasonable person would be-*  
4           *lieve that an intimate visual image of the person, or*  
5           *a visual image of sexually explicit conduct involving*  
6           *the person, would not be broadcast or distributed to*  
7           *another person.*

8           “(6) *SEXUALLY EXPLICIT CONDUCT.*—*The term*  
9           *‘sexually explicit conduct’ means actual or simulated*  
10           *genital-genital contact, oral-genital contact, anal-gen-*  
11           *ital contact, or oral-anal contact, whether between*  
12           *persons of the same or opposite sex, bestiality, mas-*  
13           *turbation, or sadistic or masochistic abuse.*

14           “(7) *VISUAL IMAGE.*—*The term ‘visual image’*  
15           *means the following:*

16                   “(A) *Any developed or undeveloped photo-*  
17                   *graph, picture, film or video.*

18                   “(B) *Any digital or computer image, pic-*  
19                   *ture, film, or video made by any means, includ-*  
20                   *ing those transmitted by any means, including*  
21                   *streaming media, even if not stored in a perma-*  
22                   *nent format.*

23                   “(C) *Any digital or electronic data capable*  
24                   *of conversion into a visual image.”.*

1       (b) *CLERICAL AMENDMENT.*—*The table of sections at*  
2 *the beginning of subchapter X of chapter 47 of title 10,*  
3 *United States Code (the Uniform Code of Military Justice),*  
4 *is amended by inserting after the item relating to section*  
5 *917 (article 117) the following new item:*

*“917a. 117a. Wrongful broadcast or distribution of intimate visual images.”.*

6 **SEC. 533. REPORT ON AVAILABILITY OF POSTSECONDARY**  
7                   **CREDIT FOR SKILLS ACQUIRED DURING MILI-**  
8                   **TARY SERVICE.**

9       *Not later than 60 days after the date of enactment of*  
10 *this Act, the Secretary of Defense, in consultation with the*  
11 *Secretaries of Veterans Affairs, Education, and Labor, shall*  
12 *submit to Congress a report on the transfer of skills into*  
13 *equivalent postsecondary credits or technical certifications*  
14 *for members of the armed forces leaving the military. Such*  
15 *report shall describe each the following:*

16           (1) *Each skill that may be acquired during mili-*  
17 *tary service that is eligible for transfer into an equiv-*  
18 *alent postsecondary credit or technical certification.*

19           (2) *The academic level of the equivalent postsec-*  
20 *ondary credit or technical certification for each such*  
21 *skill.*

22           (3) *Each academic institution that awards an*  
23 *equivalent postsecondary credit or technical certifi-*  
24 *cation for such skills, including—*

1           (A) *each such academic institution's status*  
2           *as a public or private institution, and as a non-*  
3           *profit or for-profit institution; and*

4           (B) *the number of veterans that applied to*  
5           *such academic institution who were able to re-*  
6           *ceive equivalent postsecondary credits or tech-*  
7           *nical certifications in the preceding fiscal year,*  
8           *and the academic level of the credits or certifi-*  
9           *cations.*

10          (4) *The number of members of the armed forces*  
11          *who left the military in the preceding fiscal year, and*  
12          *the number of such members who met with an aca-*  
13          *demically or technical training advisor as part of the*  
14          *member's participation in the Transition Assistance*  
15          *Program of the Department of Defense.*

16       ***Subtitle E—Member Education,***  
17       ***Training, Transition, and Resil-***  
18       ***ience***

19       ***SEC. 541. READY, RELEVANT LEARNING INITIATIVE OF THE***  
20       ***NAVY.***

21          (a) *CERTIFICATIONS REQUIRED.*—*Not later than Octo-*  
22          *ber 1, 2017, and each year thereafter, the Secretary of the*  
23          *Navy shall submit to the Committees on Armed Services*  
24          *of the Senate and House of Representatives a certification*  
25          *on the status of implementation of the Ready, Relevant*

1 *Learning initiative of the Navy for each applicable enlisted*  
2 *rating.*

3 (b) *ELEMENTS.*—*Each certification under subsection*  
4 *(a) shall include the following:*

5 (1) *A certification by the Commander of the*  
6 *United States Fleet Forces Command that the block*  
7 *learning and modernized delivery methods of the*  
8 *Ready, Relevant Learning initiative to be imple-*  
9 *mented during the fiscal year beginning in which*  
10 *such certification is submitted will meet or exceed the*  
11 *existing training delivery approach for all associated*  
12 *training requirements.*

13 (2) *A certification by the Secretary that the con-*  
14 *tent re-engineering necessary to meet all training ob-*  
15 *jectives and transition from the traditional training*  
16 *curriculum to the modernized delivery format to be*  
17 *implemented during such fiscal year will be complete*  
18 *prior to such transition, including full functionality*  
19 *of all required course software and hardware.*

20 (3) *A detailed cost estimate of transitioning to*  
21 *the block learning and modernized delivery ap-*  
22 *proaches to be implemented during such fiscal year*  
23 *with funding listed by purpose, amount, appropria-*  
24 *tions account, budget program element or line item,*  
25 *and end strength adjustments.*

1           (4) *A detailed phasing plan associated with*  
2 *transitioning to the block learning and modernized*  
3 *delivery approaches to be implemented during such*  
4 *fiscal year, including the current status, timing, and*  
5 *identification of reductions in “A” school and “C”*  
6 *school courses, curricula, funding, and personnel.*

7           (5) *A certification by the Secretary that—*

8                 (A) *the contracting strategy associated with*  
9 *transitioning to the modernized delivery ap-*  
10 *proach to be implemented during such fiscal year*  
11 *has been completed; and*

12                 (B) *contracting actions contain sufficient*  
13 *specification detail to enable a low risk approach*  
14 *to receiving the deliverable end item or items on-*  
15 *budget, on-schedule, and with satisfactory per-*  
16 *formance.*

17 **SEC. 542. ELEMENT IN PRESEPARATION COUNSELING FOR**  
18 **MEMBERS OF THE ARMED FORCES ON AS-**  
19 **SISTANCE AND SUPPORT SERVICES FOR**  
20 **CAREGIVERS OF CERTAIN VETERANS**  
21 **THROUGH THE DEPARTMENT OF VETERANS**  
22 **AFFAIRS.**

23           (a) *IN GENERAL.*—*Section 1142(b) of title 10, United*  
24 *States Code, is amended by adding at the end the following*  
25 *new paragraph:*

1           “(18) A description, developed in consultation  
2           with the Secretary of Veterans Affairs, of the assist-  
3           ance and support services for family caregivers of eli-  
4           gible veterans under the program conducted by the  
5           Secretary of Veterans Affairs pursuant to section  
6           1720G of title 38, including the veterans covered by  
7           the program, the caregivers eligible for assistance and  
8           support through the program, and the assistance and  
9           support available through the program.”.

10           (b) *PARTICIPATION OF POTENTIAL CAREGIVERS IN AP-*  
11 *PROPRIATE PRESEPARATION COUNSELING.—*

12           (1) *IN GENERAL.—*In accordance with proce-  
13           dures established by the Secretary of Defense, each  
14           Secretary of a military department shall take appro-  
15           priate actions to achieve the following:

16                   (A) *To determine whether each member of*  
17                   *the Armed Forces under the jurisdiction of such*  
18                   *Secretary who is undergoing preseparation coun-*  
19                   *seling pursuant to section 1142 of title 10,*  
20                   *United States Code (as amended by subsection*  
21                   *(a)), and who may require caregiver services*  
22                   *after separation from the Armed Forces has iden-*  
23                   *tified an individual to provide such services after*  
24                   *the member’s separation.*

1           (B) *In the case of a member described in*  
2           *subparagraph (A) who has identified an indi-*  
3           *vidual to provide caregiver services after the*  
4           *member's separation, at the election of the mem-*  
5           *ber, to permit such individual to participate in*  
6           *appropriate sessions of the member's*  
7           *preseparation counseling in order to inform such*  
8           *individual of—*

9                   (i) *the assistance and support services*  
10                  *available to caregivers of members after sep-*  
11                  *aration from the Armed Forces; and*

12                   (ii) *the manner in which the member's*  
13                  *transition to civilian life after separation*  
14                  *may likely affect such individual as a care-*  
15                  *giver.*

16           (2) *CAREGIVERS.—For purposes of this sub-*  
17           *section, individuals who provide caregiver services re-*  
18           *fers to individuals (including a spouse, partner, par-*  
19           *ent, sibling, adult child, other relative, or friend) who*  
20           *provide physical or emotional assistance to former*  
21           *members of the Armed Forces during and after their*  
22           *transition from military life to civilian life following*  
23           *separation from the Armed Forces.*

24           (3) *DEADLINE FOR COMMENCEMENT.—Each Sec-*  
25           *retary of a military department shall commence the*

1       actions required pursuant to this subsection by not  
2       later than 180 days after the date of the enactment  
3       of this Act.

4   **SEC. 543. DISCHARGE IN THE SELECTED RESERVE OF THE**  
5                   **COMMISSIONED SERVICE OBLIGATION OF**  
6                   **MILITARY SERVICE ACADEMY GRADUATES**  
7                   **WHO PARTICIPATE IN PROFESSIONAL ATH-**  
8                   **LETICS.**

9       (a) *UNITED STATES MILITARY ACADEMY.*—Section  
10 4348(a) of title 10, United States Code, is amended by add-  
11 ing at the end the following new paragraph:

12               “(5) That, if upon graduation the cadet obtains  
13 employment as a professional athlete in lieu of the ac-  
14 ceptance of an appointment tendered under para-  
15 graph (2), the cadet—

16                   “(A) will accept an appointment as a com-  
17 missioned officer as a Reserve in the Army for  
18 service in the Army Reserve; and

19                   “(B) will remain in that reserve component  
20 as a member of the Selected Reserve until com-  
21 pletion of the commissioned service obligation of  
22 the cadet.”.

23       (b) *UNITED STATES NAVAL ACADEMY.*—Section  
24 6959(a) of title 10, United States Code, is amended by add-  
25 ing at the end the following new paragraph:

1           “(5) *That, if upon graduation the midshipman*  
2 *obtains employment as a professional athlete in lieu*  
3 *of the acceptance of an appointment tendered under*  
4 *paragraph (2), the midshipman—*

5           “(A) *will accept an appointment as a com-*  
6 *missioned officer as a Reserve in the Navy for*  
7 *service in the Navy Reserve or the Marine Corps*  
8 *Reserve; and*

9           “(B) *will remain in that reserve component*  
10 *as a member of the Selected Reserve until com-*  
11 *pletion of the commissioned service obligation of*  
12 *the midshipman.”.*

13       (c) *UNITED STATES AIR FORCE ACADEMY.—Section*  
14 *9348(a) of title 10, United States Code, is amended by add-*  
15 *ing at the end the following new paragraph:*

16           “(5) *That, if upon graduation the cadet obtains*  
17 *employment as a professional athlete in lieu of the ac-*  
18 *ceptance of an appointment tendered under para-*  
19 *graph (2), the cadet—*

20           “(A) *will accept an appointment as a com-*  
21 *missioned officer as a Reserve in the Air Force*  
22 *for service in the Air Force Reserve; and*

23           “(B) *will remain in that reserve component*  
24 *as a member of the Selected Reserve until com-*

1            *pletion of the commissioned service obligation of*  
2            *the cadet.”.*

3            *(d) APPLICATION OF AMENDMENTS.—The Secretaries*  
4            *of the military departments shall promptly revise the cadet*  
5            *and midshipman service agreements under sections 4348,*  
6            *6959, and 9348 of title 10, United States Code, to reflect*  
7            *the amendments made by this section. The revised agree-*  
8            *ment shall apply to cadets and midshipmen who are attend-*  
9            *ing the United States Military Academy, the United States*  
10           *Naval Academy, or the United States Air Force Academy*  
11           *on the date of the enactment of this Act and to persons who*  
12           *begin attendance at such military service academies on or*  
13           *after that date.*

14    **SEC. 544. PILOT PROGRAMS ON APPOINTMENT IN THE EX-**  
15                            **CEPTED SERVICE IN THE DEPARTMENT OF**  
16                            **DEFENSE OF PHYSICALLY DISQUALIFIED**  
17                            **FORMER CADETS AND MIDSHIPMEN.**

18            *(a) PILOT PROGRAMS AUTHORIZED.—*

19                    *(1) IN GENERAL.—Each Secretary of a military*  
20                    *department may carry out a pilot program under*  
21                    *which former cadets or midshipmen described in*  
22                    *paragraph (2) (in this section referred to as “eligible*  
23                    *individuals”)* *under the jurisdiction of such Secretary*  
24                    *may be appointed by the Secretary of Defense in the*

1 *excepted service under section 3320 of title 5, United*  
2 *States Code, in the Department of Defense.*

3 (2) *CADETS AND MIDSHIPMEN.—Except as pro-*  
4 *vided in paragraph (3), a former cadet or mid-*  
5 *shipman described in this paragraph is any former*  
6 *cadet at the United States Military Academy or the*  
7 *United States Air Force Academy, and any former*  
8 *midshipman at the United States Naval Academy,*  
9 *who—*

10 (A) *completed the prescribed course of in-*  
11 *struction and graduated from the applicable*  
12 *service academy; and*

13 (B) *is determined to be medically disquali-*  
14 *fied to complete a period of active duty in the*  
15 *Armed Forces prescribed in an agreement signed*  
16 *by such cadet or midshipman in accordance with*  
17 *section 4348, 6959, or 9348 of title 10, United*  
18 *States Code.*

19 (3) *EXCEPTION.—A former cadet or midshipman*  
20 *whose medical disqualification as described in para-*  
21 *graph (2)(B) is the result of the gross negligence or*  
22 *misconduct of the former cadet or midshipman is not*  
23 *an eligible individual for purposes of appointment*  
24 *under a pilot program.*

1       **(b) PURPOSE.**—*The purpose of the pilot programs is*  
2 *to evaluate the feasibility and advisability of permitting eli-*  
3 *gible individuals who cannot accept a commission or com-*  
4 *plete a period of active duty in the Armed Forces prescribed*  
5 *by the Secretary of the military department concerned to*  
6 *fulfill an obligation for active duty service in the Armed*  
7 *Forces through service as a civilian employee of the Depart-*  
8 *ment of Defense*

9       **(c) POSITIONS.**—

10           **(1) IN GENERAL.**—*The positions to which an eli-*  
11 *gible individual may be appointed under a pilot pro-*  
12 *gram are existing positions within the Department of*  
13 *Defense in grades up to GS-9 under the General*  
14 *Schedule under section 5332 of title 5, United States*  
15 *Code (or equivalent). The authority in subsection (a)*  
16 *does not authorize the creation of additional posi-*  
17 *tions, or create any vacancies to which eligible indi-*  
18 *viduals may be appointed under a pilot program.*

19           **(2) TERM POSITIONS.**—*Any appointment under*  
20 *a pilot program shall be to a position having a term*  
21 *of five years or less.*

22       **(d) SCOPE OF AUTHORITY.**—

23           **(1) RECRUITMENT AND RETENTION OF ELIGIBLE**  
24 **INDIVIDUALS.**—*The authority in subsection (a) may*  
25 *be used only to the extent necessary to recruit and re-*

1     *tain on a non-competitive basis cadets and mid-*  
2     *shipmen who are relieved of an obligation for active*  
3     *duty in the Armed Forces due to becoming medically*  
4     *disqualified from serving on active duty in the Armed*  
5     *Forces, and may not be used to appoint any other in-*  
6     *dividuals in the excepted service.*

7             (2) *VOLUNTARY ACCEPTANCE OF APPOINT-*  
8     *MENTS.—A pilot program may not be used as an im-*  
9     *PLICIT or explicit basis for compelling an eligible indi-*  
10    *vidual to accept an appointment in the excepted serv-*  
11    *ice in accordance with this section.*

12            (e) *RELATIONSHIP TO REPAYMENT PROVISIONS.—*  
13    *Completion of a term appointment pursuant to a pilot pro-*  
14    *gram shall relieve the eligible individual concerned of any*  
15    *repayment obligation under section 303a(e) or 373 of title*  
16    *37, United States Code, with respect to the agreement of*  
17    *the individual described in subsection (b)(2)(B).*

18            (f) *TERMINATION.—*

19             (1) *IN GENERAL.—The authority to appoint eli-*  
20    *gible individuals in the excepted service under a pilot*  
21    *program shall expire on the date that is four years*  
22    *after the date of the enactment of this Act.*

23             (2) *EFFECT ON EXISTING APPOINTMENTS.—The*  
24    *termination by paragraph (1) of the authority in sub-*  
25    *section (a) shall not affect any appointment made*

1        *under that authority before the termination date spec-*  
2        *ified in paragraph (1) in accordance with the terms*  
3        *of such appointment.*

4    **SEC. 545. LIMITATION ON AVAILABILITY OF FUNDS FOR AT-**  
5                    **TENDANCE OF AIR FORCE ENLISTED PER-**  
6                    **SONNEL AT AIR FORCE OFFICER PROFES-**  
7                    **SIONAL MILITARY EDUCATION IN-RESIDENCE**  
8                    **COURSES.**

9        *(a) LIMITATION.—None of the funds authorized to be*  
10        *appropriated or otherwise available for the Department of*  
11        *the Air Force may be obligated or expended for the purpose*  
12        *of the attendance of Air Force enlisted personnel at Air*  
13        *Force officer professional military education (PME) in-resi-*  
14        *dence courses until the later of—*

15                *(1) the date on which the Secretary of the Air*  
16        *Force submits to the Committees on Armed Services*  
17        *of the Senate and the House of Representatives, and*  
18        *to the Comptroller General of the United States, a re-*  
19        *port on the attendance of such personnel at such*  
20        *courses as described in subsection (b);*

21                *(2) the date on which the Comptroller General*  
22        *submits to such committees the report setting forth an*  
23        *assessment of the report under paragraph (1) as de-*  
24        *scribed in subsection (c); or*

1           (3) 180 days after the date of the enactment of  
2       *this Act.*

3           (b) *SECRETARY OF THE AIR FORCE REPORT.*—*The re-*  
4 *port of the Secretary described in subsection (a)(1) shall*  
5 *include the following:*

6           (1) *The purpose of the attendance of Air Force*  
7 *enlisted personnel at Air Force officer professional*  
8 *military education in-residence courses.*

9           (2) *The objectives for the attendance of such en-*  
10 *listed personnel at such officer professional military*  
11 *education courses.*

12           (3) *The required prerequisites for such enlisted*  
13 *personnel to attend such officer professional military*  
14 *education courses.*

15           (4) *The process for selecting such enlisted per-*  
16 *sonnel to attend such officer professional military*  
17 *education courses.*

18           (5) *The impact of the attendance of such enlisted*  
19 *personnel at such officer professional military edu-*  
20 *cation courses on the availability of officer allocations*  
21 *for the attendance of officers at such courses.*

22           (6) *The impact of the attendance of such enlisted*  
23 *personnel at such officer professional military edu-*  
24 *cation courses on the morale and retention of officers*  
25 *attending such courses.*

1           (7) *The resources required for such enlisted per-*  
2 *sonnel to attend such officer professional military*  
3 *education courses.*

4           (8) *The impact on unit and overall Air Force*  
5 *manning levels of the attendance of such enlisted per-*  
6 *sonnel at such officer professional military education*  
7 *courses, especially at the statutorily-limited end*  
8 *strengths of grades E-8 and E-9.*

9           (9) *The extent to which graduation by such en-*  
10 *listed personnel from such officer professional mili-*  
11 *tary education courses is a requirement for Air Force*  
12 *or joint assignments.*

13           (10) *The planned assignment utilization for Air*  
14 *Force enlisted graduates of such officer professional*  
15 *military education courses.*

16           (11) *Any other matters in connection with the*  
17 *attendance of such enlisted personnel at such officer*  
18 *professional military education courses that the Sec-*  
19 *retary considers appropriate.*

20           (c) *COMPTROLLER GENERAL OF THE UNITED STATES*  
21 *REPORT.—*

22           (1) *IN GENERAL.—Not later than 90 days after*  
23 *the date the Secretary submits the report described in*  
24 *subsection (a)(1), the Comptroller General shall sub-*  
25 *mit to the Committees on Armed Services of the Sen-*

1       ate and the House of Representatives a briefing on an  
2       assessment of the report by the Comptroller General.  
3       As soon as practicable after the briefing, the Comp-  
4       troller General shall submit to such committees a re-  
5       port on such assessment for purposes of subsection  
6       (a)(2).

7               (2) *ELEMENTS.*—The report under paragraph  
8       (1) shall include the following:

9                   (A) An assessment of whether the conclu-  
10               sions and assertions included in the report of the  
11               Secretary under subsection (a) are comprehen-  
12               sive, fully supported, and sufficiently detailed.

13                  (B) An identification of any shortcomings,  
14               limitations, or other reportable matters that af-  
15               fect the quality of the findings or conclusions of  
16               the report of the Secretary.

17 **SEC. 546. PILOT PROGRAM ON INTEGRATION OF DEPART-**  
18 **MENT OF DEFENSE AND NON-FEDERAL EF-**  
19 **FORTS FOR CIVILIAN EMPLOYMENT OF MEM-**  
20 **BERS OF THE ARMED FORCES FOLLOWING**  
21 **TRANSITION FROM ACTIVE DUTY TO CIVILIAN**  
22 **LIFE.**

23       (a) *PILOT PROGRAM REQUIRED.*—

24               (1) *IN GENERAL.*—The Secretary of Defense shall  
25       conduct a pilot program to assess the feasibility and

1     *advisability of assisting members of the Armed Forces*  
2     *described in subsection (c) who are undergoing the*  
3     *transition from active duty in the Armed Forces to*  
4     *civilian life by accelerating and improving their ac-*  
5     *cess to employment following their transition to civil-*  
6     *ian life through the coordination, integration, and*  
7     *leveraging of existing programs and authorities of the*  
8     *Department of Defense for such purposes with pro-*  
9     *grams and resources of State and local agencies, in-*  
10    *stitutions of higher education, employers, and other*  
11    *public, private, and nonprofit entities applicable to*  
12    *the pilot program.*

13           (2) *EXISTING COMMUNITY PROGRAMS AND RE-*  
14    *SOURCES.—For purposes of this section, existing pro-*  
15    *grams and resources of State and local agencies, in-*  
16    *stitutions of higher education, employers, and other*  
17    *public, private, and nonprofit entities described in*  
18    *paragraph (1) in the vicinity of a location of the*  
19    *pilot program are referred to as the “existing commu-*  
20    *nity programs and resources” in that vicinity.*

21           (b) *GOALS.—The goals of the pilot program shall be*  
22    *as follows:*

23           (1) *To facilitate the coordination of existing*  
24    *community programs and resources in the locations of*  
25    *the pilot program in order to identify a model for the*

1 *coordination of such programs and authorities that*  
2 *can be replicated nationwide in communities in*  
3 *which members of the Armed Forces described in sub-*  
4 *section (c) are undergoing the transition from active*  
5 *duty to civilian life.*

6 *(2) To identify mechanisms by which the De-*  
7 *partment of Defense and existing community pro-*  
8 *grams and resources may work with employers and*  
9 *members of the Armed Forces described in subsection*  
10 *(c) in order to—*

11 *(A) identify workforce needs that may be*  
12 *satisfiable by such members following their tran-*  
13 *sition to civilian life;*

14 *(B) identify military occupational skills*  
15 *that may satisfy the workforce needs identified*  
16 *pursuant to subparagraph (A); and*

17 *(C) identify gaps in the training of mem-*  
18 *bers of the Armed Forces that may require reme-*  
19 *diation in order to satisfy workforce needs iden-*  
20 *tified pursuant to subparagraph (A), and iden-*  
21 *tify mechanisms by which members of the Armed*  
22 *Forces described in subsection (c) may receive*  
23 *training to remediate such gaps.*

24 *(3) To identify mechanisms to assist members of*  
25 *the Armed Forces described in subsection (c) in bridg-*

1        *ing geographical gaps between their final military in-*  
2        *stallations and nearby metropolitan areas in which*  
3        *employment and necessary training are likely to be*  
4        *available to such members during or following their*  
5        *transition to civilian life.*

6        *(c) COVERED MEMBERS.—The members of the Armed*  
7        *Forces described in this subsection are the following:*

8                *(1) Regular members of the Armed Forces who*  
9                *are within 180 days of discharge or release from the*  
10               *Armed Forces.*

11               *(2) Members of the reserve components of the*  
12               *Armed Forces (whether National Guard or Reserve)*  
13               *who are on active duty for a period of more than 365*  
14               *days and are within 180 days of release from such ac-*  
15               *tive duty.*

16        *(d) LOCATIONS.—*

17               *(1) IN GENERAL.—The Secretary shall carry out*  
18               *the pilot program at not less than five locations se-*  
19               *lected by the Secretary for purposes of the pilot pro-*  
20               *gram.*

21               *(2) SELECTION REQUIREMENTS.—Each location*  
22               *selected pursuant to paragraph (1) shall—*

23                        *(A) include a military installation—*

1                   (i) that has a well-established military-  
2                   civilian community relationship with the  
3                   civilian communities nearby; and

4                   (ii) at which serves an appropriate  
5                   population of members of the Armed Forces  
6                   described in subsection (c);

7                   (B) have a large employment or industry  
8                   base that supports a variety of occupational op-  
9                   portunities;

10                  (C) have appropriate institutional infra-  
11                  structure for the provision of worker training;  
12                  and

13                  (D) take place in a different geographic re-  
14                  gion of the United States.

15                  (e) *ELEMENTS.*—At each location selected for the pilot  
16                  program there shall be the following:

17                         (1) A mechanism to identify existing community  
18                         programs and resources for participation in the pilot  
19                         program, including programs and resources that are  
20                         currently working with programs and authorities of  
21                         the Department of Defense to assist members of the  
22                         Armed Forces described in subsection (c), and, espe-  
23                         cially, programs and resources that are recognized as  
24                         engaging in best practices in working with such pro-  
25                         grams and authorities of the Department.

1           (2) *A mechanism to assess the willingness of em-*  
2 *ployers in the vicinity of such location to participate*  
3 *in the pilot program and employ members of the*  
4 *Armed Forces participating in the pilot program fol-*  
5 *lowing their transition to civilian life.*

6           (3) *A mechanism to assess the willingness of the*  
7 *State in which such location is located to recognize*  
8 *military training for credit for professional and occu-*  
9 *pational licenses.*

10          (4) *A civilian community coordinator for the*  
11 *pilot program, who shall be responsible for implemen-*  
12 *tation and execution of the pilot program for the De-*  
13 *partment, and for coordinating existing community*  
14 *programs and resources, at such location by—*

15           (A) *pursuing a multi-faceted outreach and*  
16 *engagement strategy that leverages relationships*  
17 *with appropriate public, private, and nonprofit*  
18 *entities in the vicinity of such location for pur-*  
19 *poses of the pilot program;*

20           (B) *developing and implementing a pro-*  
21 *gram using existing resources, infrastructure,*  
22 *and experience to maximize the benefits of the*  
23 *pilot program for members of the Armed Forces*  
24 *participating in the pilot program by mini-*  
25 *mizing the time required for completion of train-*

1            *ing provided to such members under the pilot*  
2            *program, which program shall—*

3                    *(i) compliment continuing Department*  
4                    *efforts to assist members of the Armed*  
5                    *Forces in their transition from active duty*  
6                    *in the Armed Forces to civilian life and to*  
7                    *coordinate with existing veteran employ-*  
8                    *ment programs for purposes of such efforts;*

9                    *(ii) provide for the cultivation of a net-*  
10                   *work of partners among the entities de-*  
11                   *scribed in subparagraph (A) in order to*  
12                   *maximize the number of opportunities for*  
13                   *civilian employment for members of the*  
14                   *Armed Forces participating in the pilot*  
15                   *program following their transition to civil-*  
16                   *ian life;*

17                   *(iii) provide for the use of comprehen-*  
18                   *sive assessments of the military experience*  
19                   *gained by members of the Armed Forces*  
20                   *participating in the pilot program in order*  
21                   *to assist them in obtaining civilian employ-*  
22                   *ment relating to their military occupations*  
23                   *following their transition to civilian life;*

24                   *(iv) seek to secure for members of the*  
25                   *Armed Forces participating in the pilot*

1            *program maximum credit for prior mili-*  
2            *tary service in their pursuit of civilian em-*  
3            *ployment following their transition to civil-*  
4            *ian life;*

5            *(v) seek to eliminate unnecessary and*  
6            *redundant elements of the training provided*  
7            *for purposes of the pilot program to mem-*  
8            *bers of the Armed Forces participating in*  
9            *the pilot program;*

10           *(vi) seek to minimize the time required*  
11           *for members of the Armed Forces partici-*  
12           *parting in the pilot program in obtaining*  
13           *skills, credentials, or certifications required*  
14           *for civilian employment following their*  
15           *transition to civilian life; and*

16           *(vii) provide for the continuous collec-*  
17           *tion of data and feedback from employers in*  
18           *the vicinity of such location in order to tai-*  
19           *lor training provided to members of the*  
20           *Armed Forces for purposes of the pilot pro-*  
21           *gram to meet the needs of such employers.*

22           *(5) A plan of action for delivering additional*  
23           *training and credentialing modules for members of*  
24           *the Armed Forces described in subsection (c) in order*  
25           *to seek to provide such members with skills that are*

1       *in high demand in the vicinity and region of such lo-*  
2       *cation.*

3       *(f) REPORTS.—*

4               *(1) INITIAL REPORT.—Not later than one year*  
5       *after the date of the commencement of the pilot pro-*  
6       *gram, the Secretary shall submit to the Committees*  
7       *on Armed Services of the Senate and the House of*  
8       *Representatives a report on the pilot program. The re-*  
9       *port shall include, for each location selected for the*  
10       *pilot program pursuant to subsection (d), the fol-*  
11       *lowing:*

12               *(A) A full description of the pilot program,*  
13       *including—*

14                       *(i) the number of members of the*  
15       *Armed Forces participating in the pilot*  
16       *program;*

17                       *(ii) the outreach to public, private, and*  
18       *nonprofit entities conducted for purposes of*  
19       *the pilot program to encourage such entities*  
20       *to participate in the pilot program;*

21                       *(iii) the entities participating in the*  
22       *pilot program, set forth by employment sec-*  
23       *tor;*

24                       *(iv) the number of members partici-*  
25       *pating in the pilot program who obtained*

1           *employment with an entity participating in*  
2           *the pilot program, set forth by employment*  
3           *sector;*

4                     *(v) a description of any additional*  
5                     *training provided to members participating*  
6                     *in the pilot program for purposes of the*  
7                     *pilot program, including the amount of*  
8                     *time required for such additional training;*  
9                     *and*

10                    *(vi) a description of the cost of the*  
11                    *pilot program.*

12                    *(B) A current assessment of the effect of the*  
13                    *pilot program on Department of Defense and*  
14                    *community efforts to assist members of the*  
15                    *Armed Forces described in subsection (c) in ob-*  
16                    *taining civilian employment following their*  
17                    *transition to civilian life.*

18                    *(2) FINAL REPORT.—Not later than 90 days be-*  
19                    *fore the date on which the pilot program terminates,*  
20                    *the Secretary shall submit to the Committees on*  
21                    *Armed Services of the Senate and the House of Rep-*  
22                    *resentatives an update of the report submitted under*  
23                    *paragraph (1).*

24                    *(g) CONSTRUCTION.—Nothing in this section may be*  
25                    *construed to authorize the Secretary to hire additional em-*

1 *ployees for the Department of Defense to carry out the pilot*  
2 *program.*

3       (h) *TERMINATION.*—*The authority of the Secretary to*  
4 *carry out the pilot program shall terminate on the date that*  
5 *is two years after the date on which the pilot program com-*  
6 *mences.*

7 **SEC. 547. TWO-YEAR EXTENSION OF SUICIDE PREVENTION**  
8                   **AND RESILIENCE PROGRAM FOR THE NA-**  
9                   **TIONAL GUARD AND RESERVES.**

10       *Section 10219(g) of title 10, United States Code, is*  
11 *amended by striking “October 1, 2018” and inserting “Oc-*  
12 *tober 1, 2020”.*

13 **SEC. 548. SEXUAL ASSAULT PREVENTION AND RESPONSE**  
14                   **TRAINING FOR ALL INDIVIDUALS ENLISTED**  
15                   **IN THE ARMED FORCES UNDER A DELAYED**  
16                   **ENTRY PROGRAM.**

17       (a) *TRAINING REQUIRED.*—*Commencing not later*  
18 *than January 1, 2018, each Secretary concerned shall, inso-*  
19 *far as practicable, provide training on sexual assault pre-*  
20 *vention and response to each individual under the jurisdic-*  
21 *tion of such Secretary who is enlisted in the Armed Forces*  
22 *under a delayed entry program such that each such indi-*  
23 *vidual completes such training before the date of commence-*  
24 *ment of basic training or initial active duty for training*  
25 *in the Armed Forces.*

1       (b) *ELEMENTS.*—

2               (1) *IN GENERAL.*—*The training provided pursu-*  
3 *ant to subsection (a) shall meet such requirements as*  
4 *the Secretary of Defense shall establish for purposes of*  
5 *this section. Such training shall, to the extent prac-*  
6 *ticable, be uniform across the Armed Forces.*

7               (2) *SENSE OF CONGRESS ON PROVISION AND NA-*  
8 *TURE OF TRAINING.*—*It is the sense of Congress that*  
9 *the training should—*

10                       (A) *be provided through in-person instruc-*  
11 *tion, whenever possible; and*

12                       (B) *include instruction on the proper use of*  
13 *social media.*

14       (c) *DEFINITIONS.*—*In this section:*

15               (1) *The term “delayed entry program” means*  
16 *the following:*

17                       (A) *The Future Soldiers Program of the*  
18 *Army.*

19                       (B) *The Delayed Entry Program of the*  
20 *Navy and the Marine Corps.*

21                       (C) *The program of the Air Force for the*  
22 *delayed entry of enlistees into the Air Force.*

23                       (D) *The program of the Coast Guard for the*  
24 *delayed entry of enlistees into the Coast Guard.*

1           (E) Any successor program to a program  
2           referred to in subparagraphs (A) through (D).

3           (2) The term “Secretary concerned” has the  
4           meaning given that term in section 101(a)(9) of title  
5           10, United States Code.

6 **SEC. 549. USE OF ASSISTANCE UNDER DEPARTMENT OF DE-**  
7           **FENSE TUITION ASSISTANCE PROGRAM FOR**  
8           **NON-TRADITIONAL EDUCATION TO DEVELOP**  
9           **CYBERSECURITY AND COMPUTER CODING**  
10          **SKILLS.**

11          (a) *BRIEFING ON USE REQUIRED.*—Not later than 60  
12          days after the date of the enactment of this Act, the Sec-  
13          retary of Defense shall provide the Committees on Armed  
14          Services of the Senate and the House of Representatives a  
15          briefing on the feasibility and advisability of the enactment  
16          into law of the authority described in subsection (b).

17          (b) *AUTHORITY.*—The authority described in this sub-  
18          section is authority for a member of the Armed Forces who  
19          is eligible for tuition assistance under the Department of  
20          Defense Tuition Assistance (TA) Program to use such as-  
21          sistance at or with an educational institution described in  
22          subsection (c) for courses or programs of education of such  
23          educational institution in connection with the following:

24                  (1) Cybersecurity skills or related skills.

25                  (2) Computer coding skills or related skills.

1       (c) *EDUCATIONAL INSTITUTIONS.*—

2               (1) *IN GENERAL.*—*An educational institution de-*  
3 *scribed in this subsection is an educational institu-*  
4 *tion not otherwise approved for participation in the*  
5 *Department of Defense Tuition Assistance Program*  
6 *that receives approval from the Department of De-*  
7 *fense for participation in the program for courses or*  
8 *programs of education described in subsection (b).*

9               (2) *APPROVAL.*—*Any approval of the participa-*  
10 *tion of an educational institution in the Program*  
11 *under this subsection would be granted by the Under*  
12 *Secretary of Defense for Personnel and Readiness in*  
13 *accordance with such guidance as the Under Sec-*  
14 *retary would issue for purposes of this section.*

15              (3) *MEMORANDA OF UNDERSTANDING.*—*The*  
16 *Under Secretary would enter into a memorandum of*  
17 *understanding with each educational institution ap-*  
18 *proved for participation in the Program pursuant to*  
19 *this subsection regarding the participation of such*  
20 *educational institution in the Program. Each memo-*  
21 *randum of understanding would set forth such terms*  
22 *and conditions regarding the participation of the edu-*  
23 *cational institution concerned in the Program, in-*  
24 *cluding terms and conditions applicable to the courses*  
25 *or programs for which tuition assistance under the*

1        *Program could be used, as the Under Secretary would*  
2        *consider appropriate for purposes of this section.*

3        *(d) COURSES AND PROGRAMS.—The courses and pro-*  
4        *grams of education for which tuition assistance could be*  
5        *used pursuant to the authority in subsection (b) would in-*  
6        *clude the following:*

7                *(1) Massive online open courses (MOOCs).*

8                *(2) Short-term certification courses, including*  
9        *so-called computer coding “boot camps”.*

10               *(3) Such other non-traditional courses and pro-*  
11        *grams of education leading to skills specified in sub-*  
12        *section (b) as the Under Secretary would consider ap-*  
13        *propriate for purposes of this section.*

14    **SEC. 550. SENSE OF SENATE ON INCREASING ENROLLMENT**  
15                **IN SENIOR RESERVE OFFICERS’ TRAINING**  
16                **CORPS PROGRAMS AT MINORITY-SERVING IN-**  
17                **STITUTIONS.**

18        *(a) SENSE OF SENATE.—It is the sense of the Senate*  
19        *that the Armed Forces should take appropriate actions to*  
20        *increase enrollment in Senior Reserve Officers’ Training*  
21        *Corps (SROTC) programs at minority-serving institutions.*

22        *(b) MINORITY-SERVING INSTITUTION DEFINED.—In*  
23        *this section, the term “minority-serving institution” means*  
24        *an institution of higher education described in section*

1 371(a) of the Higher Education Act of 1965 (20 U.S.C.  
2 1067q(a)).

3 **Subtitle F—Defense Dependents’**  
4 **Education and Military Family**  
5 **Readiness Matters**

6 **PART I—DEFENSE DEPENDENTS’ EDUCATION**  
7 **MATTERS**

8 **SEC. 551. IMPACT AID FOR CHILDREN WITH SEVERE DIS-**  
9 **ABILITIES.**

10 (a) *IN GENERAL.*—Of the amount authorized to be ap-  
11 propriated for fiscal year 2018 pursuant to section 301 and  
12 available for operation and maintenance for Defense-wide  
13 activities as specified in the funding table in section 4301,  
14 \$10,000,000 shall be available for payments under section  
15 363 of the Floyd D. Spence National Defense Authorization  
16 Act for Fiscal Year 2001 (as enacted into law by Public  
17 Law 106–398; 114 Stat. 1654A–77; 20 U.S.C. 7703a).

18 (b) *USE OF CERTAIN AMOUNT.*—Of the amount avail-  
19 able under subsection (a) for payments as described in that  
20 subsection, \$5,000,000 shall be available for such payments  
21 to local educational agencies determined by the Secretary  
22 of Defense, in the discretion of the Secretary, to have higher  
23 concentrations of military children with severe disabilities.

1 **SEC. 552. CONTINUATION OF AUTHORITY TO ASSIST LOCAL**  
2 **EDUCATIONAL AGENCIES THAT BENEFIT DE-**  
3 **PENDENTS OF MEMBERS OF THE ARMED**  
4 **FORCES AND DEPARTMENT OF DEFENSE CI-**  
5 **VILIAN EMPLOYEES.**

6 (a) *ASSISTANCE TO SCHOOLS WITH SIGNIFICANT*  
7 *NUMBERS OF MILITARY DEPENDENT STUDENTS.*—*Of the*  
8 *amount authorized to be appropriated for fiscal year 2018*  
9 *by section 301 and available for operation and maintenance*  
10 *for Defense-wide activities as specified in the funding table*  
11 *in section 4301, \$25,000,000 shall be available only for the*  
12 *purpose of providing assistance to local educational agen-*  
13 *cies under subsection (a) of section 572 of the National De-*  
14 *fense Authorization Act for Fiscal Year 2006 (Public Law*  
15 *109–163; 20 U.S.C. 7703b).*

16 (b) *LOCAL EDUCATIONAL AGENCY DEFINED.*—*In this*  
17 *section, the term “local educational agency” has the mean-*  
18 *ing given that term in section 7013(9) of the Elementary*  
19 *and Secondary Education Act of 1965 (20 U.S.C. 7713(9)).*

20 **SEC. 553. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**  
21 **ING TO THE TRANSITION AND SUPPORT OF**  
22 **MILITARY DEPENDENT STUDENTS TO LOCAL**  
23 **EDUCATIONAL AGENCIES.**

24 *Section 574(c)(3) of the John Warner National Defense*  
25 *Authorization Act for Fiscal Year 2007 (20 U.S.C. 7703b*

1 *note) is amended by striking “September 30, 2017” and in-*  
2 *serting “September 30, 2018”.*

3 **PART II—MILITARY FAMILY READINESS MATTERS**

4 **SEC. 556. HOUSING TREATMENT FOR CERTAIN MEMBERS**  
5 **OF THE ARMED FORCES, AND THEIR SPOUSES**  
6 **AND OTHER DEPENDENTS, UNDERGOING A**  
7 **PERMANENT CHANGE OF STATION WITHIN**  
8 **THE UNITED STATES.**

9 *(a) HOUSING TREATMENT.—*

10 *(1) IN GENERAL.—Chapter 7 of title 37, United*  
11 *States Code, is amended by inserting after section 403*  
12 *the following new section:*

13 **“§403a. Housing treatment for certain members of the**  
14 **armed forces, and their spouses and other**  
15 **dependents, undergoing a permanent**  
16 **change of station within the United States**

17 **“(a) HOUSING TREATMENT FOR CERTAIN MEMBERS**  
18 **WHO HAVE A SPOUSE OR OTHER DEPENDENTS.—**

19 **“(1) HOUSING TREATMENT REGULATIONS.—The**  
20 **Secretary of Defense shall prescribe regulations that**  
21 **permit a member of the armed forces described in**  
22 **paragraph (2) who is undergoing a permanent change**  
23 **of station within the United States to request the**  
24 **housing treatment described in subsection (b) during**  
25 **the covered relocation period of the member.**

1           “(2) *ELIGIBLE MEMBERS.*—*A member described*  
2 *in this paragraph is any member who—*

3           “(A) *has a spouse who is gainfully em-*  
4 *ployed or enrolled in a degree, certificate or li-*  
5 *cence granting program at the beginning of the*  
6 *covered relocation period;*

7           “(B) *has one or more dependents attending*  
8 *an elementary or secondary school at the begin-*  
9 *ning of the covered relocation period;*

10           “(C) *has one or more dependents enrolled in*  
11 *the Exceptional Family Member Program; or*

12           “(D) *is caring for an immediate family*  
13 *member with a chronic or long-term illness at*  
14 *the beginning of the covered relocation period.*

15           “(b) *HOUSING TREATMENT.*—

16           “(1) *CONTINUATION OF HOUSING FOR THE*  
17 *SPOUSE AND OTHER DEPENDENTS.*—*If a spouse or*  
18 *other dependent of a member whose request under sub-*  
19 *section (a) is approved resides in Government-owned*  
20 *or Government-leased housing at the beginning of the*  
21 *covered relocation period, the spouse or other depend-*  
22 *ent may continue to reside in such housing during a*  
23 *period determined in accordance with the regulations*  
24 *prescribed pursuant to this section.*

1           “(2) *EARLY HOUSING ELIGIBILITY.*—If a spouse  
2           or other dependent of a member whose request under  
3           subsection (a) is approved is eligible to reside in Gov-  
4           ernment-owned or Government-leased housing fol-  
5           lowing the member’s permanent change of station  
6           within the United States, the spouse or other depend-  
7           ent may commence residing in such housing at any  
8           time during the covered relocation period.

9           “(3) *TEMPORARY USE OF GOVERNMENT-OWNED*  
10          *OR GOVERNMENT-LEASED HOUSING INTENDED FOR*  
11          *MEMBERS WITHOUT A SPOUSE OR DEPENDENT.*—If a  
12          spouse or other dependent of a member relocates at a  
13          time different from the member in accordance with a  
14          request approved under subsection (a), the member  
15          may be assigned to Government-owned or Govern-  
16          ment-leased housing intended for the permanent hous-  
17          ing of members without a spouse or dependent until  
18          the member’s detachment date or the spouse or other  
19          dependent’s arrival date, but only if such Govern-  
20          ment-owned or Government-leased housing is avail-  
21          able without displacing a member without a spouse or  
22          dependent at such housing.

23          “(4) *EQUITABLE BASIC ALLOWANCE FOR HOUS-*  
24          *ING.*—If a spouse or other dependent of a member re-  
25          locates at a time different from the member in accord-

1        *ance with a request approved under subsection (a),*  
2        *the amount of basic allowance for housing payable*  
3        *may be based on whichever of the following areas the*  
4        *Secretary concerned determines to be the most equi-*  
5        *table:*

6                *“(A) The area of the duty station to which*  
7                *the member is reassigned.*

8                *“(B) The area in which the spouse or other*  
9                *dependent resides, but only if the spouse or other*  
10               *dependent resides in that area when the member*  
11               *departs for the duty station to which the member*  
12               *is reassigned, and only for the period during*  
13               *which the spouse or other dependent resides in*  
14               *that area.*

15               *“(C) The area of the former duty station of*  
16               *the member, but only if that area is different*  
17               *from the area in which the spouse or other de-*  
18               *pendent resides.*

19               *“(c) RULE OF CONSTRUCTION RELATED TO CERTAIN*  
20        *BASIC ALLOWANCE FOR HOUSING PAYMENTS.—Nothing in*  
21        *this section shall be construed to limit the payment or the*  
22        *amount of basic allowance for housing payable under sec-*  
23        *tion 403(d)(3)(A) of this title to a member whose request*  
24        *under subsection (a) is approved.*

1       “(d) *INAPPLICABILITY TO COAST GUARD.*—*This sec-*  
2 *tion does not apply to members of the Coast Guard.*

3       “(e) *HOUSING TREATMENT EDUCATION.*—*The regula-*  
4 *tions prescribed pursuant to this section shall ensure the*  
5 *relocation assistance programs under section 1056 of title*  
6 *10 include, as part of the assistance normally provided*  
7 *under such section, education about the housing treatment*  
8 *available under this section.*

9       “(f) *DEFINITIONS.*—*In this section:*

10           “(1) *COVERED RELOCATION PERIOD.*—(A) *Sub-*  
11 *ject to subparagraph (B), the term ‘covered relocation*  
12 *period’, when used with respect to a permanent*  
13 *change of station of a member of the armed forces,*  
14 *means the period that—*

15                   “(i) *begins 180 days before the date of the*  
16 *permanent change of station; and*

17                   “(ii) *ends 180 days after the date of the per-*  
18 *manent change of station.*

19           “(B) *The regulations prescribed pursuant to this*  
20 *section may provide for a shortening or lengthening*  
21 *of the covered relocation period of a member for pur-*  
22 *poses of this section.*

23           “(2) *DEPENDENT.*—*The term ‘dependent’ has the*  
24 *meaning given that term in section 401 of this title.*

1           “(3) *PERMANENT CHANGE OF STATION.*—The  
2           term ‘permanent change of station’ means a perma-  
3           nent change of station described in section 452(b)(2)  
4           of this title.”

5           (2) *CLERICAL AMENDMENT.*—The table of sec-  
6           tions at the beginning of chapter 7 such title is  
7           amended by inserting after the item relating to sec-  
8           tion 403 the following new item:

          “403a. *Housing treatment for certain members of the armed forces, and their  
          spouses and other dependents, undergoing a permanent change  
          of station within the United States.*”

9           (b) *EFFECTIVE DATE.*—The amendments made by this  
10          section shall take effect on October 1, 2018.

11       **SEC. 557. DIRECT HIRE AUTHORITY FOR DEPARTMENT OF**  
12                               **DEFENSE FOR CHILDCARE SERVICES PRO-**  
13                               **VIDERS FOR DEPARTMENT CHILD DEVELOP-**  
14                               **MENT CENTERS.**

15          (a) *IN GENERAL.*—The Secretary of Defense may,  
16          without regard to the provisions of subchapter I of chapter  
17          33 of title 5, United States Code, recruit and appoint quali-  
18          fied childcare services providers to positions within the De-  
19          partment of Defense child development centers.

20          (b) *REGULATIONS.*—The Secretary shall carry out this  
21          section in accordance with regulations prescribed by the  
22          Secretary for purposes of this section.

23          (c) *DEADLINE FOR IMPLEMENTATION.*—The Secretary  
24          shall prescribe the regulations required by subsection (b),

1 *and commence implementation of subsection (a), by not*  
2 *later than May 1, 2018.*

3 *(d) CHILDCARE SERVICES PROVIDER DEFINED.—In*  
4 *this section, the term “childcare services provider” means*  
5 *a person who provides childcare services for dependent chil-*  
6 *dren of members of the Armed Forces and civilian employ-*  
7 *ees of the Department of Defense in child development cen-*  
8 *ters on Department installations.*

9 **SEC. 558. REPORT ON EXPANDING AND CONTRACTING FOR**  
10 **CHILDCARE SERVICES OF THE DEPARTMENT**  
11 **OF DEFENSE.**

12 *Not later than March 1, 2018, the Secretary of Defense*  
13 *shall submit to the Committees on Armed Services of the*  
14 *Senate and the House of Representatives a report setting*  
15 *forth an assessment, undertaken by the Secretary for pur-*  
16 *poses of the report, of the feasibility and advisability of the*  
17 *following:*

18 *(1) Expanding the operating hours of childcare*  
19 *facilities of the Department of Defense in order to*  
20 *meet childcare services requirements for swing-shift,*  
21 *night-shift, and weekend workers.*

22 *(2) Using contracts with private-sector childcare*  
23 *services providers to expand the availability of*  
24 *childcare services for members of the Armed Forces at*  
25 *locations outside military installations at costs simi-*

1        *lar to the current costs for childcare services through*  
2        *child development centers on military installations.*

3            (3) *Contracting with private-sector childcare*  
4        *services providers to operate childcare facilities of the*  
5        *Department on military installations.*

6            (4) *Expanding childcare services as described in*  
7        *paragraphs (1) through (3) to members of the Na-*  
8        *tional Guard and Reserves in a manner that does not*  
9        *substantially raise costs of childcare services for the*  
10       *military departments or conflict with others who have*  
11       *a higher priority for space in childcare services pro-*  
12       *grams, such as members of the Armed Forces on ac-*  
13       *tive duty.*

14       **SEC. 559. REPORT ON REVIEW OF GENERAL SCHEDULE PAY**

15                    **GRADES OF CHILDCARE SERVICES PRO-**

16                    **VIDERS OF THE DEPARTMENT OF DEFENSE.**

17        (a) *REPORT REQUIRED.*—*Not later than March 1,*  
18        *2018, the Secretary of Defense shall submit to the Commit-*  
19        *tees on Armed Services of the Senate and the House of Rep-*  
20        *resentatives a report on a review, undertaken by the Sec-*  
21        *retary for purposes of the report, of the General Schedule*  
22        *pay grades for childcare services provider positions within*  
23        *the Department of Defense.*

24        (b) *ELEMENTS OF REVIEW.*—*The review undertaken*  
25        *for purposes of subsection (a) shall include the following:*

1           (1) *A comparison of the compensation provided*  
2 *for current General Schedule pay grades for childcare*  
3 *services provider positions within the Department*  
4 *with the compensation provided to childcare services*  
5 *providers in the private sector providing similar*  
6 *childcare services.*

7           (2) *An assessment of the mix of General Schedule*  
8 *pay grades currently required by the Department to*  
9 *most effectively recruit and retain childcare services*  
10 *providers for military dependents.*

11           (3) *A comparison of the budget implications of*  
12 *the current General Schedule pay grade mix with the*  
13 *General Schedule pay grade mix determined pursuant*  
14 *to paragraph (2) to be required by the Department to*  
15 *most effectively recruit and retain childcare services*  
16 *providers for military dependents.*

17 **SEC. 560. PILOT PROGRAM ON PUBLIC-PRIVATE PARTNER-**  
18 **SHIPS FOR TELEWORK FACILITIES ON MILI-**  
19 **TARY INSTALLATIONS OUTSIDE THE UNITED**  
20 **STATES.**

21           (a) *IN GENERAL.*—*Commencing not later than one*  
22 *year after the date of the enactment of this Act, the Sec-*  
23 *retary of Defense shall carry out a pilot program to assess*  
24 *the feasibility and advisability of providing telework facili-*  
25 *ties for military spouses on military installations outside*

1 *the United States. The Secretary shall consult with the host*  
2 *nation or nations concerned in carrying out the pilot pro-*  
3 *gram.*

4 (b) *NUMBER OF INSTALLATIONS.*—*The Secretary shall*  
5 *carry out the pilot program at not less than two military*  
6 *installations outside the United States selected by the Sec-*  
7 *retary for purposes of the pilot program.*

8 (c) *DURATION.*—*The duration of the pilot program*  
9 *shall be a period selected by the Secretary, but not more*  
10 *than three years.*

11 (d) *ELEMENTS.*—*The pilot program shall include the*  
12 *following elements:*

13 (1) *The pilot program shall be conducted as one*  
14 *or more public-private partnerships between the De-*  
15 *partment of Defense and a private corporation or*  
16 *partnership of private corporations.*

17 (2) *The corporation or corporations partici-*  
18 *parting in the pilot program shall contribute to the*  
19 *carrying out of the pilot program an amount equal*  
20 *to the amount committed by the Secretary to the pilot*  
21 *program at the time of its commencement.*

22 (3) *The Secretary shall enter into one or more*  
23 *memoranda of understanding with the corporation or*  
24 *corporations participating in the pilot program for*  
25 *purposes of the pilot program, including the amounts*

1       to be contributed by such corporation or corporations  
2       pursuant to paragraph (2).

3               (4) *The telework undertaken by military spouses*  
4       *under the pilot program may only be for United*  
5       *States companies.*

6               (5) *The pilot program shall permit military*  
7       *spouses to provide administrative, informational tech-*  
8       *nology, professional, and other necessary support to*  
9       *companies through telework from Department instal-*  
10       *lations outside the United States.*

11       (e) *FUNDING.*—*Of the amount authorized to be appro-*  
12       *priated for fiscal year 2018 by section 401 and available*  
13       *for military personnel as specified in the funding table in*  
14       *section 4401, up to \$1,000,000 may be available to carry*  
15       *out the pilot program, including entry into memoranda of*  
16       *understanding pursuant to subsection (d)(3) and payment*  
17       *by the Secretary of the amount committed by the Secretary*  
18       *to the pilot program pursuant to subsection (d)(2).*

19       **SEC. 561. REPORT ON MECHANISMS TO FACILITATE THE**  
20               **OBTAINING BY MILITARY SPOUSES OF PRO-**  
21               **FESSIONAL LICENSES OR CREDENTIALS IN**  
22               **OTHER STATES.**

23       *Not later than March 1, 2018, the Secretary of Defense*  
24       *shall submit to the Committees on Armed Services of the*  
25       *Senate and the House of Representatives a report setting*

1 *forth an assessment of the feasibility and advisability of*  
2 *the following:*

3           (1) *The development and maintenance of a joint*  
4 *Federal-State clearing house to process the profes-*  
5 *sional license and credential information of military*  
6 *spouses in order—*

7                   (A) *to facilitate the matching of such infor-*  
8 *mation with State professional licensure and*  
9 *credentialing requirements; and*

10                   (B) *to provide military spouses information*  
11 *on the actions required to obtain professional li-*  
12 *censes or credentials in other States.*

13           (2) *The establishment of a joint Federal-State*  
14 *taskforce dedicated to the elimination of unnecessary*  
15 *or duplicative professional licensure and credentialing*  
16 *requirements among the States.*

17           (3) *The development and maintenance of an*  
18 *Internet website that serves as a one-stop resource on*  
19 *professional licenses and credentials for military*  
20 *spouses that sets forth license and credential require-*  
21 *ments for common professions in the States and pro-*  
22 *vides assistance and other resources for military*  
23 *spouses seeking to obtain professional licenses or cre-*  
24 *entials in other States.*

1 **SEC. 562. ADDITIONAL MILITARY CHILDCARE MATTERS.**

2 (a) *HOURS OF OPERATION OF CHILDCARE DEVELOP-*  
3 *MENT CENTERS OF THE DEPARTMENT OF DEFENSE.—*

4 (1) *IN GENERAL.—The hours of operation of each*  
5 *childcare development center (CDC) of the Depart-*  
6 *ment of Defense shall, to the extent practicable, be set*  
7 *and maintained in manner that takes into account*  
8 *the demands and circumstances of members of the*  
9 *Armed Forces, including members of the reserve com-*  
10 *ponents, who use such center in facilitation of the*  
11 *performance of their military duties.*

12 (2) *MATTERS TO BE TAKEN INTO ACCOUNT.—The*  
13 *demands and circumstances to be taken into account*  
14 *under paragraph (1) for purposes of setting and*  
15 *maintaining the hours of operation of a childcare de-*  
16 *velopment center shall include the following:*

17 (A) *Mission requirements of units whose*  
18 *members use such center.*

19 (B) *The unpredictability of work schedules,*  
20 *and fluctuations in day-to-day work hours, of*  
21 *such members.*

22 (C) *The potential for frequent and pro-*  
23 *longed absences of such members for training, op-*  
24 *erations, and deployments.*

25 (D) *The location of such center on the mili-*  
26 *tary installation concerned, including the loca-*

1            *tion in connection with duty locations of mem-*  
2            *bers and applicable military family housing.*

3            *(E) The geographic separation of such mem-*  
4            *bers from their extended family.*

5            *(F) The impact on the ability of such mem-*  
6            *bers to perform their military duties of employ-*  
7            *ment of their spouses or educational pursuits of*  
8            *their spouses.*

9            *(G) Such other matters as the Secretary of*  
10           *the military department concerned considers ap-*  
11           *propriate for purposes of this subsection.*

12        *(b) CHILDCARE COORDINATORS FOR MILITARY IN-*  
13        *STALLATIONS.—*

14           *(1) CHILDCARE COORDINATORS.—Each Sec-*  
15           *retary of a military department shall provide for a*  
16           *childcare coordinator at each military installation*  
17           *under the jurisdiction of such Secretary at which are*  
18           *stationed significant numbers of members of the*  
19           *Armed Forces with accompanying dependent children,*  
20           *as determined by such Secretary.*

21           *(2) NATURE OF POSITION.—The childcare coordi-*  
22           *nator for a military installation may be an indi-*  
23           *vidual appointed to that position on full-time or*  
24           *part-time basis or an individual appointed to another*  
25           *position whose duties in such other position are con-*

1        *sistent with the discharge by the person of the duties*  
2        *of childcare coordinator.*

3            (3) *DUTIES.—Each childcare coordinator for an*  
4        *installation shall carry out the duties as follows:*

5            (A) *Act as an advocate for military families*  
6        *at the installation on childcare matters both on-*  
7        *installation and off-installation.*

8            (B) *Work with the commander of the instal-*  
9        *lation in order to seek to ensure that the*  
10       *childcare development centers at the installation,*  
11       *together with any other available childcare op-*  
12       *tions on or in the vicinity of the installation—*

13            (i) *provide a quality of care (including*  
14        *a caregiver-to-child ratio) commensurate*  
15        *with best practices of private providers of*  
16        *childcare services; and*

17            (ii) *are responsive to the childcare*  
18        *needs of members stationed at the installa-*  
19        *tion and their families.*

20            (C) *Work with private providers of*  
21        *childcare services in the vicinity of the installa-*  
22        *tion in order to—*

23            (i) *track vacancies in the childcare fa-*  
24        *cilities of such providers;*

1                   (ii) seek to increase the availability of  
2                   affordable childcare services for such mem-  
3                   bers; and

4                   (iii) otherwise ease the use of such serv-  
5                   ices by such members.

6                   (D) Such other duties as the Secretary of  
7                   the military department concerned shall specify.

8 **SEC. 563. MECHANISMS TO FACILITATE THE OBTAINING BY**  
9                   **MILITARY SPOUSES OF OCCUPATIONAL LI-**  
10                   **CENSES OR CREDENTIALS IN OTHER STATES.**

11                   Not later than March 1, 2018, the Secretary of Defense  
12 shall—

13                   (1) develop and maintain a joint Federal-State  
14 clearing house to process the occupational license and  
15 credential information of military spouses in order—

16                   (A) to facilitate the matching of such infor-  
17 mation with State occupational licensure and  
18 credentialing requirements; and

19                   (B) to provide military spouses information  
20 on the actions required to obtain occupational li-  
21 censes or credentials in other States;

22                   (2) develop and maintain an Internet website  
23 that serves as a one-stop resource on occupational li-  
24 censes and credentials for military spouses that sets  
25 forth license and credential requirements for common

1       *occupations in the States and provides assistance and*  
2       *other resources for military spouses seeking to obtain*  
3       *occupational licenses or credentials in other States;*  
4       *and*

5               *(3) submit to the Committees on Armed Services*  
6       *of the Senate and the House of Representatives a re-*  
7       *port setting forth an assessment of the feasibility and*  
8       *advisability of the establishment of a joint Federal-*  
9       *State task force dedicated to the elimination of unnec-*  
10       *essary or duplicative occupational licensure and*  
11       *credentialing requirements among the States, includ-*  
12       *ing through the use of alternative, less restrictive and*  
13       *burdensome forms of occupational regulation.*

14               ***Subtitle G—Decorations and***  
15                               ***Awards***

16       ***SEC. 571. AUTHORITY OF SECRETARY OF THE ARMY TO***  
17                               ***AWARD THE PERSONNEL PROTECTION***  
18                               ***EQUIPMENT AWARD OF THE ARMY TO***  
19                               ***FORMER MEMBERS OF THE ARMY.***

20       *Notwithstanding any requirement in section 1125 of*  
21       *title 10, United States Code, relating to the award of*  
22       *awards only to current members of the Armed Forces, the*  
23       *Secretary of the Army may award the Personnel Protection*  
24       *Equipment (PPE) award of the Army to former members*  
25       *of the Army.*

1 **SEC. 572. AUTHORIZATION FOR AWARD OF DISTINGUISHED**  
2 **SERVICE CROSS TO SPECIALIST FRANK M.**  
3 **CRARY FOR ACTS OF VALOR IN VIETNAM.**

4 (a) *AUTHORIZATION.*—Notwithstanding the time limi-  
5 tations specified in section 3744 of title 10, United States  
6 Code, or any other time limitation with respect to the  
7 awarding of certain medals to persons who served in the  
8 Armed Forces, the President may award the Distinguished  
9 Service Cross under section 3742 of such title to Specialist  
10 Frank M. Crary for the acts of valor in Vietnam described  
11 in subsection (b).

12 (b) *ACTS OF VALOR DESCRIBED.*—The acts of valor  
13 referred to in subsection (a) are the actions of Frank M.  
14 Crary on April 7, 1966, as a member of the Army serving  
15 in the grade of Specialist in Vietnam while serving with  
16 Company D, 1st Battalion (Airborne), 12th Cavalry Regi-  
17 ment, 1st Cavalry Division.

18 ***Subtitle H—Other Matters***

19 **SEC. 581. MODIFICATION OF SUBMITTAL DATE OF COMP-**  
20 **TROLLER GENERAL OF THE UNITED STATES**  
21 **REPORT ON INTEGRITY OF THE DEPARTMENT**  
22 **OF DEFENSE WHISTLEBLOWER PROGRAM.**

23 Section 536(a) of the National Defense Authorization  
24 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
25 2124) is amended by striking “18 months after the date

1 *of the enactment of this Act” and inserting “December 31,*  
2 *2018”.*

3 **SEC. 582. REPORT TO CONGRESS ON ACCOMPANIED AND**  
4 **UNACCOMPANIED TOURS OF DUTY IN RE-**  
5 **MOTE LOCATIONS WITH HIGH FAMILY SUP-**  
6 **PORT COSTS.**

7 *Not later than one year after the date of the enactment*  
8 *of this Act, the Secretary of Defense shall submit to the con-*  
9 *gressional defense committees a report setting forth a com-*  
10 *parative analysis, undertaken by the Secretary for purposes*  
11 *of the report, of accompanied tours of duty and unaccom-*  
12 *panied tours of duty of members of the Armed Forces in*  
13 *remote locations with high family support costs (including*  
14 *facility construction and operation costs), including the fol-*  
15 *lowing:*

16 (1) *United States Naval Station, Guantanamo*  
17 *Bay, Cuba.*

18 (2) *Kwajalein Atoll.*

19 (3) *Al Udeid Air Base, Qatar.*

20 **SEC. 583. AUTHORIZATION OF SUPPORT FOR BEYOND YEL-**  
21 **LOW RIBBON PROGRAMS.**

22 *Section 582 of the National Defense Authorization Act*  
23 *for Fiscal Year 2008 (Public Law 110–181; 10 U.S.C.*  
24 *10101 note) is amended—*

1           (1) *by redesignating subsections (k) and (l) as*  
2           *subsections (l) and (m), respectively; and*

3           (2) *by inserting after subsection (j) the following*  
4           *new subsection (k):*

5           “(k) *SUPPORT FOR BEYOND YELLOW RIBBON PRO-*  
6           *GRAMS.—The Secretary of Defense may award grants to*  
7           *States to carry out programs that provide deployment cycle*  
8           *information, services, and referrals to members of reserve*  
9           *components of the Armed Forces, members of active compo-*  
10           *nents of the Armed Forces, and the families of such members*  
11           *throughout the deployment cycle. Such programs may in-*  
12           *clude the provision of access to outreach services, including*  
13           *the following:*

14           “(1) *Employment counseling.*

15           “(2) *Behavioral health counseling.*

16           “(3) *Suicide prevention.*

17           “(4) *Housing advocacy.*

18           “(5) *Financial counseling.*

19           “(6) *Referrals to for the receipt of other serv-*  
20           *ices.”.*

1 **TITLE VI—COMPENSATION AND**  
2 **OTHER PERSONNEL BENEFITS**  
3 **Subtitle A—Pay and Allowances**

4 **SEC. 601. FISCAL YEAR 2018 INCREASE IN MILITARY BASIC**  
5 **PAY.**

6 (a) *WAIVER OF SECTION 1009 ADJUSTMENT.*—The ad-  
7 justment to become effective during fiscal year 2018 re-  
8 quired by section 1009 of title 37, United States Code, in  
9 the rates of monthly basic pay authorized members of the  
10 uniformed services shall not be made.

11 (b) *INCREASE IN BASIC PAY.*—Effective on January  
12 1, 2018, the rates of monthly basic pay for members of the  
13 uniformed services are increased by 2.1 percent.

14 **SEC. 602. EXTENSION OF AUTHORITY TO PROVIDE TEM-**  
15 **PORARY INCREASE IN RATES OF BASIC AL-**  
16 **LOWANCE FOR HOUSING UNDER CERTAIN**  
17 **CIRCUMSTANCES.**

18 *Section 403(b)(7)(E) of title 37, United States Code,*  
19 *is amended by striking “December 31, 2017” and inserting*  
20 *“December 31, 2018”.*

1 **SEC. 603. ADJUSTMENT TO BASIC ALLOWANCE FOR HOUS-**  
2 **ING AT WITH DEPENDENTS RATE OF CERTAIN**  
3 **MEMBERS OF THE UNIFORMED SERVICES.**

4 (a) *IN GENERAL.*—Section 403 of title 37, United  
5 States Code, is amended by adding at the end the following  
6 new subsection:

7 “(p) *INELIGIBILITY FOR WITH DEPENDENTS RATE OF*  
8 *CERTAIN MEMBERS.*—A member who is married to another  
9 member, is assigned to the same geographic location as such  
10 other member, and has one or more dependent children with  
11 such other member is not eligible for a basic allowance for  
12 housing at the with dependents rate.”.

13 (b) *EFFECTIVE DATE.*—

14 (1) *IN GENERAL.*—The amendment made by sub-  
15 section (a) shall take effect on October 1, 2017, and  
16 shall, except as provided in paragraph (2), apply  
17 with respect to allowances for basic housing payable  
18 for months beginning on or after that date.

19 (2) *PRESERVATION OF CURRENT BAH FOR MEM-*  
20 *BERS WITH UNINTERRUPTED ELIGIBILITY FOR BAH.*—  
21 Notwithstanding the amendment made by subsection  
22 (a), the monthly amount of basic allowance for hous-  
23 ing payable to a member of the uniformed services  
24 under section 403 of title 37, United States Code, as  
25 of September 30, 2017, shall not be reduced by reason  
26 of the amendment so long as the member retains un-

1 *interrupted eligibility for such basic allowance for*  
2 *housing within an area of the United States or with-*  
3 *in an overseas location (as applicable).*

4 **SEC. 604. MODIFICATION OF AUTHORITY OF PRESIDENT TO**  
5 **DETERMINE ALTERNATIVE PAY ADJUSTMENT**  
6 **IN ANNUAL BASIC PAY OF MEMBERS OF THE**  
7 **UNIFORMED SERVICES.**

8 (a) *MODIFICATION.*—Section 1009(e) of title 37,  
9 *United States Code, is amended—*

10 (1) *in paragraph (1), by striking “or serious eco-*  
11 *nomical conditions affecting the general welfare”;*

12 (2) *by striking paragraph (2); and*

13 (3) *by redesignating paragraph (3) as para-*  
14 *graph (2).*

15 (b) *EFFECTIVE DATE.*—*The amendments made by sub-*  
16 *section (a) shall take effect on the date of the enactment*  
17 *of this Act, and—*

18 (1) *if the date of the enactment of this Act occurs*  
19 *before September 1 of a year, shall apply with respect*  
20 *to plans for alternative pay adjustments for any year*  
21 *beginning after such year; and*

22 (2) *if the date of the enactment of this Act occurs*  
23 *after August 31 of a year, shall apply with respect to*  
24 *plans for alternative pay adjustments for any year*  
25 *beginning after the year following such year.*

1     **Subtitle B—Bonuses and Special**  
2                     **and Incentive Pays**

3     **SEC. 611. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**  
4                     **SPECIAL PAY AUTHORITIES FOR RESERVE**  
5                     **FORCES.**

6             *The following sections of title 37, United States Code,*  
7     *are amended by striking “December 31, 2017” and insert-*  
8     *ing “December 31, 2018”:*

9                     (1) *Section 308b(g), relating to Selected Reserve*  
10                    *reenlistment bonus.*

11                    (2) *Section 308c(i), relating to Selected Reserve*  
12                    *affiliation or enlistment bonus.*

13                    (3) *Section 308d(c), relating to special pay for*  
14                    *enlisted members assigned to certain high-priority*  
15                    *units.*

16                    (4) *Section 308g(f)(2), relating to Ready Reserve*  
17                    *enlistment bonus for persons without prior service.*

18                    (5) *Section 308h(e), relating to Ready Reserve*  
19                    *enlistment and reenlistment bonus for persons with*  
20                    *prior service.*

21                    (6) *Section 308i(f), relating to Selected Reserve*  
22                    *enlistment and reenlistment bonus for persons with*  
23                    *prior service.*

1           (7) *Section 478a(e), relating to reimbursement of*  
2 *travel expenses for inactive-duty training outside of*  
3 *normal commuting distance.*

4           (8) *Section 910(g), relating to income replace-*  
5 *ment payments for reserve component members expe-*  
6 *riencing extended and frequent mobilization for active*  
7 *duty service.*

8 **SEC. 612. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**  
9 **SPECIAL PAY AUTHORITIES FOR HEALTH**  
10 **CARE PROFESSIONALS.**

11       (a) *TITLE 10 AUTHORITIES.*—*The following sections*  
12 *of title 10, United States Code, are amended by striking*  
13 *“December 31, 2017” and inserting “December 31, 2018”:*

14           (1) *Section 2130a(a)(1), relating to nurse officer*  
15 *candidate accession program.*

16           (2) *Section 16302(d), relating to repayment of*  
17 *education loans for certain health professionals who*  
18 *serve in the Selected Reserve.*

19       (b) *TITLE 37 AUTHORITIES.*—*The following sections of*  
20 *title 37, United States Code, are amended by striking “De-*  
21 *cember 31, 2017” and inserting “December 31, 2018”:*

22           (1) *Section 302c–1(f), relating to accession and*  
23 *retention bonuses for psychologists.*

24           (2) *Section 302d(a)(1), relating to accession*  
25 *bonus for registered nurses.*

1           (3) *Section 302e(a)(1), relating to incentive spe-*  
2 *cial pay for nurse anesthetists.*

3           (4) *Section 302g(e), relating to special pay for*  
4 *Selected Reserve health professionals in critically*  
5 *short wartime specialties.*

6           (5) *Section 302h(a)(1), relating to accession*  
7 *bonus for dental officers.*

8           (6) *Section 302j(a), relating to accession bonus*  
9 *for pharmacy officers.*

10          (7) *Section 302k(f), relating to accession bonus*  
11 *for medical officers in critically short wartime spe-*  
12 *cialties.*

13          (8) *Section 302l(g), relating to accession bonus*  
14 *for dental specialist officers in critically short war-*  
15 *time specialties.*

16 **SEC. 613. ONE-YEAR EXTENSION OF SPECIAL PAY AND**  
17 **BONUS AUTHORITIES FOR NUCLEAR OFFI-**  
18 **CERS.**

19          *The following sections of title 37, United States Code,*  
20 *are amended by striking “December 31, 2017” and insert-*  
21 *ing “December 31, 2018”:*

22          (1) *Section 312(f), relating to special pay for*  
23 *nuclear-qualified officers extending period of active*  
24 *service.*

1           (2) *Section 312b(c), relating to nuclear career*  
2           *accession bonus.*

3           (3) *Section 312c(d), relating to nuclear career*  
4           *annual incentive bonus.*

5 **SEC. 614. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**  
6           **ING TO TITLE 37 CONSOLIDATED SPECIAL**  
7           **PAY, INCENTIVE PAY, AND BONUS AUTHORI-**  
8           **TIES.**

9           *The following sections of title 37, United States Code,*  
10 *are amended by striking “December 31, 2017” and insert-*  
11 *ing “December 31, 2018”:*

12           (1) *Section 331(h), relating to general bonus au-*  
13 *thority for enlisted members.*

14           (2) *Section 332(g), relating to general bonus au-*  
15 *thority for officers.*

16           (3) *Section 333(i), relating to special bonus and*  
17 *incentive pay authorities for nuclear officers.*

18           (4) *Section 334(i), relating to special aviation*  
19 *incentive pay and bonus authorities for officers.*

20           (5) *Section 335(k), relating to special bonus and*  
21 *incentive pay authorities for officers in health profes-*  
22 *sions.*

23           (6) *Section 336(g), relating to contracting bonus*  
24 *for cadets and midshipmen enrolled in the Senior Re-*  
25 *serve Officers’ Training Corps.*

1           (7) *Section 351(h), relating to hazardous duty*  
2     *pay.*

3           (8) *Section 352(g), relating to assignment pay or*  
4     *special duty pay.*

5           (9) *Section 353(i), relating to skill incentive pay*  
6     *or proficiency bonus.*

7           (10) *Section 355(h), relating to retention incen-*  
8     *tives for members qualified in critical military skills*  
9     *or assigned to high priority units.*

10 **SEC. 615. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**  
11                   **ING TO PAYMENT OF OTHER TITLE 37 BO-**  
12                   **NUSES AND SPECIAL PAYS.**

13         *The following sections of title 37, United States Code,*  
14     *are amended by striking “December 31, 2017” and insert-*  
15     *ing “December 31, 2018”:*

16           (1) *Section 301b(a), relating to aviation officer*  
17     *retention bonus.*

18           (2) *Section 307a(g), relating to assignment in-*  
19     *centive pay.*

20           (3) *Section 308(g), relating to reenlistment*  
21     *bonus for active members.*

22           (4) *Section 309(e), relating to enlistment bonus.*

23           (5) *Section 316a(g), relating to incentive pay for*  
24     *members of precommissioning programs pursuing for-*  
25     *eign language proficiency.*

1           (6) *Section 324(g), relating to accession bonus*  
2           *for new officers in critical skills.*

3           (7) *Section 326(g), relating to incentive bonus*  
4           *for conversion to military occupational specialty to*  
5           *ease personnel shortage.*

6           (8) *Section 327(h), relating to incentive bonus*  
7           *for transfer between Armed Forces.*

8           (9) *Section 330(f), relating to accession bonus for*  
9           *officer candidates.*

10 **SEC. 616. AVIATION BONUS MATTERS.**

11           *Section 334(c) of title 37, United States Code, is*  
12 *amended—*

13           (1) *by redesignating paragraphs (2) and (3) as*  
14 *paragraphs (4) and (5), respectively; and*

15           (2) *by inserting after paragraph (1) the fol-*  
16 *lowing new paragraphs:*

17           “(2) *BUSINESS CASE FOR PAYMENT OF AVIATION*  
18 *BONUS AMOUNTS.—*

19           “(A) *IN GENERAL.—The amount of the*  
20 *aviation bonus payable under paragraph (1)(B)*  
21 *under agreements entered into under subsection*  
22 *(d) during a fiscal year shall be determined sole-*  
23 *ly through a business case analysis of the*  
24 *amount required to be paid under such agree-*  
25 *ments in order to address anticipated manning*

1           *shortfalls for such fiscal year by aircraft type*  
2           *category.*

3           “(B)    *BUDGET    JUSTIFICATION    DOCU-*  
4           *MENTS.—The budget justification documents in*  
5           *support of the budget of the President for a fiscal*  
6           *year (as submitted to Congress pursuant to sec-*  
7           *tion 1105 of title 31) shall set forth for each uni-*  
8           *formed service the following:*

9                   “(i) *The amount requested for the pay-*  
10                   *ment of aviation bonuses under this section*  
11                   *using amounts authorized to be appro-*  
12                   *priated for the fiscal year concerned by air-*  
13                   *craft type category.*

14                   “(ii) *The business case analysis sup-*  
15                   *porting the amount so requested by aircraft*  
16                   *type category.*

17                   “(iii) *For each aircraft type category,*  
18                   *whether or not the amount requested will*  
19                   *permit the payment during the fiscal year*  
20                   *concerned of the maximum amount of the*  
21                   *aviation bonus authorized by paragraph*  
22                   *(1).*

23                   “(iv) *If any amount requested is to ad-*  
24                   *dress manning shortfalls, a description of*  
25                   *any plans of the Secretary concerned to ad-*

1           *dress such shortfalls by non-monetary*  
2           *means.*

3           “(3) *TIERED LIMITATION ON MAXIMUM AMOUNT*  
4           *OF AVIATION BONUS.—*

5           “(A) *IN GENERAL.—The maximum amount*  
6           *of the aviation bonus payable under paragraph*  
7           *(1)(B) under agreements entered into under sub-*  
8           *section (d) during a fiscal year shall vary by an-*  
9           *anticipated manning shortfalls for such fiscal year*  
10           *by aircraft type category. The variance shall be*  
11           *stated by tier correlating maximum bonus*  
12           *amounts with anticipated manning and reten-*  
13           *tion levels, as follows:*

14           “(i) *Maximum amount payable*  
15           *(known as ‘Tier I’) is the amount specified*  
16           *for the fiscal year concerned by paragraph*  
17           *(1)(B) and is payable under agreements for*  
18           *duty by aircraft type category in which—*

19           “(I) *the projected manning level*  
20           *for the fiscal year does not exceed 90*  
21           *percent of the required manning level;*  
22           *or*

23           “(II) *the two-year retention trend*  
24           *for personnel performing such duty*  
25           *does not exceed 50 percent.*

1           “(ii) *Maximum amount payable*  
2           *(known as ‘Tier II’) is an amount equal to*  
3           *68 percent of the amount specified for the*  
4           *fiscal year concerned by paragraph (1)(B)*  
5           *and is payable under agreements for duty*  
6           *by aircraft type category in which—*

7                     “(I) *the projected manning level*  
8                     *for the fiscal year is between 90 and 95*  
9                     *percent of the required manning level;*  
10                    *or*

11                   “(II) *the two-year retention trend*  
12                   *for personnel performing such duty is*  
13                    *between 50 and 55 percent.*

14           “(iii) *Maximum amount payable*  
15           *(known as ‘Tier III’) is an amount equal to*  
16           *34 percent of the amount specified for the*  
17           *fiscal year concerned by paragraph (1)(B)*  
18           *and is payable under agreements for duty*  
19           *by aircraft type category in which—*

20                   “(I) *the projected manning level*  
21                   *for the fiscal year is between 95 and*  
22                    *100 percent of the required manning*  
23                    *level; or*

1                   “(II) the two-year retention trend  
2                   for personnel performing such duty is  
3                   between 55 and 65 percent.

4                   “(iv) Maximum amount payable  
5                   (known as ‘Tier IV’) is zero for duty by air-  
6                   craft type category in which—

7                   “(I) the projected manning level  
8                   for the fiscal year is 100 percent or  
9                   more of the required manning level; or

10                   “(II) the two-year retention trend  
11                   for personnel performing such duty ex-  
12                   ceeds 65 percent.

13                   “(B) LIMITATION ON TOTAL NUMBER OF  
14                   AGREEMENTS PROVIDING FOR TIER I PAY-  
15                   MENT.—In no event may all the agreements en-  
16                   tered into under subsection (d) during a fiscal  
17                   year by a Secretary concerned provide for a  
18                   maximum amount payable as described in sub-  
19                   paragraph (A)(i).”.

20 **SEC. 617. SPECIAL AVIATION INCENTIVE PAY AND BONUS**  
21                   **AUTHORITIES FOR ENLISTED MEMBERS WHO**  
22                   **PILOT REMOTELY PILOTED AIRCRAFT.**

23                   (a) IN GENERAL.—Chapter 5 of title 37, United States  
24                   Code, is amended by inserting after section 334 the fol-  
25                   lowing new section:

1 **“§ 334a. Special aviation incentive pay and bonus au-**  
2 **thorities: enlisted members who pilot re-**  
3 **motely piloted aircraft**

4 “(a) AVIATION INCENTIVE PAY.—

5 “(1) INCENTIVE PAY AUTHORIZED.—The Sec-  
6 retary concerned may pay aviation incentive pay  
7 under this section to an enlisted member in a regular  
8 or reserve component of a uniformed service who—

9 “(A) is entitled to basic pay under section  
10 204 of this title or compensation under 206 of  
11 this title;

12 “(B) is designated as a remotely piloted  
13 aircraft pilot, or is in training leading to such  
14 a designation;

15 “(C) engages in, or is in training leading  
16 to, frequent and regular performance of oper-  
17 ational flying duty or proficiency flying duty;

18 “(D) engages in or remains in aviation  
19 service for a specified period; and

20 “(E) meets such other criteria as the Sec-  
21 retary concerned determines appropriate.

22 “(2) ENLISTED MEMBERS NOT CURRENTLY EN-  
23 GAGED IN FLYING DUTY.—The Secretary concerned  
24 may pay aviation incentive pay under this section to  
25 an enlisted member who is otherwise qualified for  
26 such pay but who is not currently engaged in the per-

1     *formance of operational flying duty or proficiency*  
2     *flying duty if the Secretary determines, under regula-*  
3     *tions prescribed under section 374 of this title, that*  
4     *payment of aviation pay to that enlisted member is*  
5     *in the best interests of the service.*

6     “(b) *AVIATION BONUS.—The Secretary concerned may*  
7     *pay an aviation bonus under this section to an enlisted*  
8     *member in a regular or reserve component of a uniformed*  
9     *service who—*

10             “(1) *is entitled to aviation incentive pay under*  
11             *subsection (a);*

12             “(2) *is within one year of completing the mem-*  
13             *ber’s enlistment;*

14             “(3) *reenlists or voluntarily extends the mem-*  
15             *ber’s enlistment for a period of at least one year or,*  
16             *in the case of an enlisted member serving pursuant to*  
17             *an indefinite reenlistment, executes a written agree-*  
18             *ment to remain on active duty for a period of at least*  
19             *one year or to remain in an active status in a reserve*  
20             *component for a period of at least one year; and*

21             “(4) *meets such other criteria as the Secretary*  
22             *concerned determines appropriate.*

23     “(c) *MAXIMUM AMOUNT AND METHOD OF PAYMENT.—*

24             “(1) *MAXIMUM AMOUNT.—The Secretary con-*  
25             *cerned shall determine the amount of a bonus or in-*

1     *centive pay to be paid under this section, except*  
2     *that—*

3             “(A) *aviation incentive pay under sub-*  
4             *section (a) shall be paid at a monthly rate not*  
5             *to exceed \$1,000 per month; and*

6             “(B) *an aviation bonus under subsection (b)*  
7             *may not exceed \$35,000 for each 12-month pe-*  
8             *riod of obligated service agreed to under sub-*  
9             *section (d).*

10            “(2) *BUSINESS CASE FOR PAYMENT OF AVIATION*  
11     *BONUS AMOUNTS.—*

12            “(A) *IN GENERAL.—The amount of the*  
13            *aviation bonus payable under paragraph (1)(B)*  
14            *under agreements entered into under subsection*  
15            *(d) during a fiscal year shall be determined sole-*  
16            *ly through a business case analysis of the*  
17            *amount required to be paid under such agree-*  
18            *ments in order to address anticipated manning*  
19            *shortfalls for such fiscal year by aircraft type*  
20            *category.*

21            “(B) *BUDGET JUSTIFICATION DOCU-*  
22            *MENTS.—The budget justification documents in*  
23            *support of the budget of the President for a fiscal*  
24            *year (as submitted to Congress pursuant to sec-*

1            *tion 1105 of title 31) shall set forth for each uni-*  
2            *formed service the following:*

3            *“(i) The amount requested for the pay-*  
4            *ment of aviation bonuses under this section*  
5            *using amounts authorized to be appro-*  
6            *priated for the fiscal year concerned by air-*  
7            *craft type category.*

8            *“(ii) The business case analysis sup-*  
9            *porting the amount so requested by aircraft*  
10           *type category.*

11           *“(iii) For each aircraft type category,*  
12           *whether or not the amount requested will*  
13           *permit the payment during the fiscal year*  
14           *concerned of the maximum amount of the*  
15           *aviation bonus authorized by paragraph*  
16           *(1).*

17           *“(iv) If any amount requested is to ad-*  
18           *dress manning shortfalls, a description of*  
19           *any plans of the Secretary concerned to ad-*  
20           *dress such shortfalls by non-monetary*  
21           *means.*

22           *“(3) LUMP SUM OR INSTALLMENTS.—A bonus*  
23           *under this section may be paid in a lump sum or in*  
24           *periodic installments, as determined by the Secretary*  
25           *concerned.*

1           “(4) *FIXING BONUS AMOUNT.*—Upon acceptance  
2           by the Secretary concerned of the written agreement  
3           required by subsection (d), the total amount of the  
4           bonus to be paid under the agreement shall be fixed.

5           “(d) *WRITTEN AGREEMENT FOR BONUS.*—To receive  
6           an aviation bonus under this section, an enlisted member  
7           determined to be eligible for the bonus shall enter into a  
8           written agreement with the Secretary concerned that speci-  
9           fies—

10           “(1) the amount of the bonus;

11           “(2) the method of payment of the bonus under  
12           subsection (c)(2);

13           “(3) the period of obligated service; and

14           “(4) the type or conditions of the service.

15           “(e) *RESERVE COMPONENT ENLISTED MEMBERS PER-*  
16           *FORMING INACTIVE DUTY TRAINING.*—An enlisted member  
17           of reserve component who is entitled to compensation under  
18           section 206 of this title and who is authorized aviation in-  
19           centive pay under this section may be paid an amount of  
20           incentive pay that is proportionate to the compensation re-  
21           ceived under section 206 of this title for inactive-duty train-  
22           ing.

23           “(f) *RELATIONSHIP TO OTHER PAY AND ALLOW-*  
24           *ANCES.*—

1           “(1) *AVIATION INCENTIVE PAY.*—*Aviation incen-*  
2           *tive pay paid to an enlisted member under subsection*  
3           *(a) shall be in addition to any other pay and allow-*  
4           *ance to which the enlisted member is entitled, except*  
5           *that an enlisted member may not receive a payment*  
6           *under such subsection and section 351(a)(2) or 353(a)*  
7           *of this title for the same skill and period of service.*

8           “(2) *AVIATION BONUS.*—*An aviation bonus paid*  
9           *to an enlisted member under subsection (b) shall be*  
10           *in addition to any other pay and allowance to which*  
11           *the enlisted member is entitled, except that an enlisted*  
12           *member may not receive a bonus payment under such*  
13           *subsection and section 331 or 353(b) of this title for*  
14           *the same skill and period of service.*

15           “(g) *REPAYMENT.*—*An enlisted member who receives*  
16           *aviation incentive pay or an aviation bonus under this sec-*  
17           *tion and who fails to fulfill the eligibility requirements for*  
18           *the receipt of the incentive pay or bonus or complete the*  
19           *period of service for which the incentive pay or bonus is*  
20           *paid, as specified in the written agreement under subsection*  
21           *(d) in the case of a bonus, shall be subject to the repayment*  
22           *provisions of section 373 of this title.*

23           “(h) *DEFINITIONS.*—*In this section:*

24           “(1) *AVIATION SERVICE.*—*The term ‘aviation*  
25           *service’ means participation in aerial flight per-*

1     *formed, under regulations prescribed by the Secretary*  
2     *concerned, by an eligible enlisted member remotely pi-*  
3     *loted aircraft pilot.*

4             “(2) *OPERATIONAL FLYING DUTY.*—*The term*  
5     *‘operational flying duty’ means flying performed*  
6     *under competent orders by enlisted members of the*  
7     *regular or reserve components while serving in assign-*  
8     *ments in which basic flying skills are normally main-*  
9     *tained in the performance of assigned duties as deter-*  
10    *mined by the Secretary concerned, and flying duty*  
11    *performed by members in training that leads to des-*  
12    *ignation as a remotely piloted aircraft pilot by the*  
13    *Secretary concerned.*

14            “(3) *PROFICIENCY FLYING DUTY.*—*The term*  
15    *‘proficiency flying duty’ means flying performed*  
16    *under competent orders by enlisted members of the*  
17    *regular or reserve components while serving in assign-*  
18    *ments in which such skills would normally not be*  
19    *maintained in the performance of assigned duties.*

20            “(i) *TERMINATION OF AUTHORITY.*—*No agreement*  
21    *may be entered into under this section after December 31,*  
22    *2018.”.*

23            “(b) *CLERICAL AMENDMENT.*—*The table of sections at*  
24    *the beginning of chapter 5 of such title is amended by in-*

1 *serting after the item relating to section 334 the following*  
 2 *new item:*

*“334a. Special aviation incentive pay and bonus authorities: enlisted members who pilot remotely piloted aircraft.”.*

3 **SEC. 618. TECHNICAL AND CONFORMING AMENDMENTS RE-**  
 4 **LATING TO 2008 CONSOLIDATION OF SPECIAL**  
 5 **PAY AUTHORITIES.**

6 *(a) REPAYMENT PROVISIONS.—*

7 *(1) TITLE 10.—The following provisions of title*  
 8 *10, United States Code, are each amended by insert-*  
 9 *ing “or 373” before “of title 37”:*

10 *(A) Section 510(i).*

11 *(B) Subsections (a)(3) and (c) of section*  
 12 *2005.*

13 *(C) Paragraphs (1) and (2) of section*  
 14 *2007(e).*

15 *(D) Section 2105.*

16 *(E) Section 2123(e)(1)(C).*

17 *(F) Section 2128(c).*

18 *(G) Section 2130a(d).*

19 *(H) Section 2171(g).*

20 *(I) Section 2173(g)(2).*

21 *(J) Paragraphs (1) and (2) of section*  
 22 *2200a(e).*

23 *(K) Section 4348(f).*

24 *(L) Section 6959(f).*

1           (M) Section 9348(f).

2           (N) Subsections (a)(2) and (b) of section  
3           16135.

4           (O) Section 16203(a)(1)(B).

5           (P) Section 16301(h).

6           (Q) Section 16303(d).

7           (R) Paragraphs (1) and (2) of section  
8           16401(f).

9           (2) TITLE 14.—Section 182(g) of title 14, United  
10          States Code, is amended by inserting “or 373” before  
11          “of title 37”.

12          (b) OFFICERS APPOINTED PURSUANT TO AN AGREE-  
13          MENT UNDER SECTION 329 OF TITLE 37.—Section 641 of  
14          title 10, United States Code, is amended by striking para-  
15          graph (6).

16          (c) REENLISTMENT LEAVE.—The matter preceding  
17          paragraph (1) of section 703(b) of title 10, United States  
18          Code, is amended by inserting “or paragraph (1) or (3)  
19          of section 351(a)” after “section 310(a)(2)”.

20          (d) REST AND RECUPERATION ABSENCE FOR QUALI-  
21          FIED MEMBERS EXTENDING DUTY AT DESIGNATED LOCA-  
22          TION OVERSEAS.—The matter following paragraph (4) of  
23          section 705(a) of title 10, United States Code, is amended  
24          by inserting “or 352” after “section 314”.

1       (e) *REST AND RECUPERATION ABSENCE FOR CERTAIN*  
2 *MEMBERS UNDERGOING EXTENDED DEPLOYMENT TO COM-*  
3 *BAT ZONE.*—Section 705a(b)(1)(B) of title 10, United  
4 States Code, is amended by inserting “or 352(a)” after “sec-  
5 tion 305”.

6       (f) *ADDITIONAL INCENTIVES FOR HEALTH PROFES-*  
7 *SIONALS OF THE INDIAN HEALTH SERVICE.*—Section  
8 116(a) of the Indian Health Care Improvement Act (25  
9 U.S.C. 1616i(a)) is amended by inserting “or 335(b)” after  
10 “section 302(b)”.

11       (g) *MILITARY PAY AND ALLOWANCES CONTINUANCE*  
12 *WHILE IN A MISSING STATUS.*—Section 552(a)(2) of title  
13 37, United States Code, is amended by inserting “or section  
14 351(a)(2)” after “section 301”.

15       (h) *MILITARY PAY AND ALLOWANCES.*—Section 907(d)  
16 of title 37, United States Code, is amended—

17               (1) in paragraph (1)—

18                       (A) in subparagraph (A), by inserting “or  
19                       351” after “section 301”;

20                       (B) in subparagraph (B), by inserting “or  
21                       352” after “section 301c”;

22                       (C) in subparagraph (C), by inserting “or  
23                       353(a)” after “section 304”;

24                       (D) in subparagraph (D), by inserting “or  
25                       352” after “section 305”;

1           (E) in subparagraph (E), by inserting “or  
2           352” after “section 305a”;

3           (F) in subparagraph (F), by inserting “or  
4           352” after “section 305b”;

5           (G) in subparagraph (G), by inserting “or  
6           352” after “section 307a”;

7           (H) in subparagraph (I), by inserting “or  
8           352” after “section 314”;

9           (I) in subparagraph (J), by striking “316”  
10          and inserting “353(b)”; and

11          (J) in subparagraph (K), by striking “323”  
12          and inserting “section 355”; and

13          (2) in paragraph (2)—

14           (A) in subparagraph (A), by inserting “or  
15           352” after “section 307”;

16           (B) in subparagraph (B), by striking “308”  
17           and inserting “331”;

18           (C) in subparagraph (C), by striking “309”  
19           and inserting “331”; and

20           (D) in subparagraph (D), by inserting “or  
21           353” after “section 320”.

22          (i) *PAY AND ALLOWANCES OF OFFICERS OF THE PUB-*  
23          *LIC HEALTH SERVICE.*—Section 208(a)(2) of the Public  
24          Health Service Act (42 U.S.C. 210(a)(2)) is amended by  
25          inserting “or 373” after “303a(b)”.

1    ***Subtitle C—Disability Pay, Retired***  
2           ***Pay, and Survivor Benefits***

3           ***PART I—AMENDMENTS IN CONNECTION WITH***  
4                   ***RETIRED PAY REFORM***

5    ***SEC. 631. ADJUSTMENTS TO SURVIVOR BENEFIT PLAN FOR***  
6                   ***MEMBERS ELECTING LUMP SUM PAYMENTS***  
7                   ***OF RETIRED PAY UNDER THE MODERNIZED***  
8                   ***RETIREMENT SYSTEM FOR MEMBERS OF THE***  
9                   ***UNIFORMED SERVICES.***

10       (a) *DEFINITION OF BASE AMOUNT.*—Section  
11 *1447(6)(A) of title 10, United States Code, is amended in*  
12 *the matter preceding clause (i) by inserting “or*  
13 *1415(b)(1)(B)” after “section 1409(b)(2)”.*

14       (b) *COORDINATION WITH REDUCTIONS IN RETIRED*  
15 *PAY.*—Section 1452 of such title is amended—

16           (1) *in subsection (a)(1), by inserting “, other*  
17 *than retired pay received as a lump sum under sec-*  
18 *tion 1415(b)(1)(A) of this title,” in the matter pre-*  
19 *ceding subparagraph (A) after “, the retired pay”;*

20           (2) *in subsection (b)(1), by inserting “, other*  
21 *than retired pay received as a lump sum under sec-*  
22 *tion 1415(b)(1)(A) of this title,” after “The retired*  
23 *pay”;* and

24           (3) *in subsection (c)—*

1           (A) in paragraph (1), by inserting “, other  
2           than retired pay received as a lump sum under  
3           section 1415(b)(1)(A) of this title,” after “The re-  
4           tired pay”; and

5           (B) in paragraph (4), by inserting “or  
6           1415(b)(1)(B)” after “section 1409(b)(2)”.

7   **SEC. 632. TECHNICAL CORRECTION REGARDING ELECTION**  
8           **TO PARTICIPATE IN MODERNIZED RETIRE-**  
9           **MENT SYSTEM FOR RESERVE COMPONENT**  
10           **MEMBERS EXPERIENCING A BREAK IN SERV-**  
11           **ICE.**

12           (a) *PERSONS EXPERIENCING A BREAK IN SERVICE.*—  
13           Section 12739(f)(2)(B)(iii) of title 10, United States Code,  
14           is amended by striking “on the date of the reentry” and  
15           inserting “within 30 days after the date of the reentry”.

16           (b) *EFFECTIVE DATE.*—The amendment made by sub-  
17           section (a) shall take effect on January 1, 2018, imme-  
18           diately after the coming into effect of the amendment made  
19           by section 631(b) of the National Defense Authorization Act  
20           for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 843),  
21           to which the amendment made by subsection (a) relates.

1 **SEC. 633. PROMOTION OF FINANCIAL LITERACY CON-**  
2 **CERNING RETIREMENT AMONG MEMBERS OF**  
3 **THE ARMED FORCES.**

4 (a) *PROGRAMS FOR PROMOTION REQUIRED.*—The Sec-  
5 retary of Defense shall develop programs of financial lit-  
6 eracy for members of the Armed Forces to assist members  
7 in better understanding retirement options and planning  
8 for retirement.

9 (b) *INFORMATION ON COMPARATIVE VALUE OF LUMP*  
10 *SUM AND MONTHLY PAYMENTS OF RETIRED PAY WITH*  
11 *CONVENTIONAL RETIRED PAY.*—The Secretary of Defense  
12 shall develop information to be provided to members of the  
13 Armed Forces who are eligible to make the election provided  
14 for in subsection (b)(1) of section 1415 of title 10, United  
15 States Code, to assist such members in making an informed  
16 comparison for purposes of the election between the fol-  
17 lowing:

18 (1) *The value of the lump sum payment of re-*  
19 *tired pay and monthly payments provided for in such*  
20 *subsection (b)(1) by reason of the election, including*  
21 *the manner in which the lump sum and such monthly*  
22 *payments are determined for any particular member.*

23 (2) *The value of retired pay payable under sub-*  
24 *section (d) of such section in the absence of the elec-*  
25 *tion, including the manner in which such retired pay*  
26 *is determined for any particular member.*

1                                   **PART II—OTHER MATTERS**  
 2   **SEC. 636. AUTHORITY FOR THE SECRETARIES OF THE MILI-**  
 3                                   **TARY DEPARTMENTS TO PROVIDE FOR CARE**  
 4                                   **OF REMAINS OF THOSE WHO DIE ON ACTIVE**  
 5                                   **DUTY AND ARE INTERRED IN A FOREIGN**  
 6                                   **CEMETERY.**

7        Section 1482(a) of title 10, United States Code, is  
 8   amended by adding at the end the following new paragraph:

9                   “(10) In the case of a decedent under the juris-  
 10       diction of a Secretary of a military department at the  
 11       time of death, enduring care of remains interred in  
 12       a foreign cemetery if the burial location was des-  
 13       ignated by such Secretary.”.

14   **SEC. 637. TECHNICAL CORRECTIONS TO USE OF MEMBER’S**  
 15                                   **CURRENT PAY GRADE AND YEARS OF SERV-**  
 16                                   **ICE IN A DIVISION OF PROPERTY INVOLVING**  
 17                                   **DISPOSABLE RETIRED PAY.**

18        (a) *IN GENERAL.*—Section 1408 of title 10, United  
 19   States Code, is amended—

20                   (1) in subsection (a)(4)—

21                                   (A) in the matter preceding clause (i) of  
 22       subparagraph (A), by striking “(as determined  
 23       pursuant to subparagraph (B))”; and

24                                   (B) by striking subparagraph (B) and in-  
 25       serting the following new subparagraph (B):

1           “(B) For purposes of subparagraph (A), in the  
2 case of a division of property as part of a final decree  
3 of divorce, dissolution, annulment, or legal separation  
4 that becomes final prior to the date of a member’s re-  
5 tirement, the total monthly retired pay to which the  
6 member is entitled shall be—

7           “(i) in the case of a member not described  
8 in clause (ii), the amount of retired pay to  
9 which the member would have been entitled using  
10 the member’s retired pay base and years of serv-  
11 ice on the date of the decree of divorce, dissolu-  
12 tion, annulment, or legal separation, as com-  
13 puted under section 1406 or 1407 of this title,  
14 whichever is applicable, increased by the sum of  
15 the cost-of-living adjustments that—

16           “(I) would have occurred under section  
17 1401a(b) of this title between the date of the  
18 decree of divorce, dissolution, annulment, or  
19 legal separation and the time of the mem-  
20 ber’s retirement using the adjustment provi-  
21 sions under section 1401a of this title appli-  
22 cable to the member upon retirement; and

23           “(II) occur under 1401a of this title  
24 after the member’s retirement; or

1           “(i) in the case of a member who becomes  
2           entitled to retired pay pursuant to chapter 1223  
3           of this title, the amount of retired pay to which  
4           the member would have been entitled using the  
5           member’s retired pay base and creditable service  
6           points on the date of the decree of divorce, dis-  
7           solution, annulment, or legal separation, as com-  
8           puter under chapter 1223 of this title, increased  
9           by the sum of the cost-of-living adjustments as  
10          described in clause (i) that apply with respect to  
11          the member.”; and

12          (2) in subsection (d), by adding at the end the  
13          following new paragraph:

14          “(8) A division of property award computed as a per-  
15          centage of a member’s disposable retired pay shall be in-  
16          creased by the same percentage as any cost-of-living adjust-  
17          ment made under section 1401a after the member’s retire-  
18          ment.”.

19          (b) *EFFECTIVE DATE.*—The amendments made by sub-  
20          section (a) shall take effect on December 23, 2016, as if en-  
21          acted immediately following the enactment of the National  
22          Defense Authorization Act for Fiscal Year 2017 (Public  
23          Law 114–328) to which such amendments relate.

24          (c) *APPLICABILITY.*—The amendments made by sub-  
25          section (a) shall apply with respect to any division of prop-

1 *erty as part of a final decree of divorce, dissolution, annul-*  
 2 *ment, or legal separation involving a member of the Armed*  
 3 *Forces to which section 1408 of title 10, United States Code,*  
 4 *applies that becomes final after December 23, 2016.*

5 **SEC. 638. PERMANENT EXTENSION AND COST-OF-LIVING**  
 6 **ADJUSTMENTS OF SPECIAL SURVIVOR IN-**  
 7 **DEMNITY ALLOWANCES UNDER THE SUR-**  
 8 **VIVOR BENEFIT PLAN.**

9 *Section 1450(m) of title 10, United States Code, is*  
 10 *amended—*

11 *(1) in paragraph (2)—*

12 *(A) in subparagraph (H), by striking*  
 13 *“and” at the end; and*

14 *(B) by striking subparagraph (I) and in-*  
 15 *serting the following new subparagraphs:*

16 *“(I) for months from October 2016 through*  
 17 *December 2018, \$310; and*

18 *“(J) for months during any calendar year*  
 19 *after 2018, the amount determined in accordance*  
 20 *with paragraph (6).”;* and

21 *(2) by striking paragraph (6) and inserting the*  
 22 *following new paragraph (6):*

23 *“(6) COST-OF-LIVING ADJUSTMENTS AFTER*  
 24 *2018.—*

1           “(A) *IN GENERAL.*—*The amount of the al-*  
2           *lowance payable under paragraph (1) for months*  
3           *during any calendar year beginning after 2018*  
4           *shall be—*

5                     “(i) *the amount payable pursuant to*  
6                     *paragraph (2) for months during the pre-*  
7                     *ceding calendar year, plus*

8                     “(ii) *an amount equal to the percent-*  
9                     *age of the amount determined pursuant to*  
10                    *clause (i) which percentage is equal to the*  
11                    *percentage increase in retired pay of mem-*  
12                    *bers and former members of the armed*  
13                    *forces for such calendar year under section*  
14                    *1401a of this title.*

15           “(B) *PUBLIC NOTICE ON AMOUNT OF AL-*  
16           *LOWANCE PAYABLE.*—*The Secretary of Defense*  
17           *shall publish in the Federal Register each year*  
18           *the amount of the allowance payable under para-*  
19           *graph (1) for months in such year by reason of*  
20           *the operation of this paragraph.”.*

1           ***Subtitle D—Other Matters***

2   ***SEC. 651. CONSTRUCTION OF DOMESTIC SOURCE REQUIRE-***  
3                   ***MENT FOR FOOTWEAR FURNISHED TO EN-***  
4                   ***LISTED MEMBERS OF THE ARMED FORCES ON***  
5                   ***INITIAL ENTRY INTO THE ARMED FORCES.***

6       *Section 418(d) of title 37, United States Code, is*  
7 *amended by adding at the end the following new para-*  
8 *graphs:*

9           “(4) *This subsection does not apply to the furnishing*  
10 *of athletic footwear to the members of the Army, the Navy,*  
11 *the Air Force, or the Marine Corps upon their initial entry*  
12 *into the armed forces, or prohibit the provision of a cash*  
13 *allowance to such members for such purpose, if the Sec-*  
14 *retary of Defense determines that compliance with para-*  
15 *graph (2) would result in a sole source contract for procure-*  
16 *ment of athletic footwear for the purpose stated in para-*  
17 *graph (1) because there would be only a sole certified of*  
18 *supply for such footwear.*

19           “(5) *The Secretary of Defense shall ensure that all pro-*  
20 *curements of athletic footwear to which this subsection ap-*  
21 *plies are made using firm fixed price contracts.”.*

22   ***SEC. 652. INCLUSION OF DEPARTMENT OF AGRICULTURE IN***  
23                   ***TRANSITION ASSISTANCE PROGRAM.***

24           *(a) IN GENERAL.—Subsection (a) of section 1144 of*  
25 *title 10, United States Code, is amended by striking “and*

1 *the Secretary of Veterans Affairs” each place it appears in*  
2 *paragraphs (1) and (2) and inserting “the Secretary of Vet-*  
3 *erans Affairs, and the Secretary of Agriculture”.*

4 (b) *INCLUSION IN ELEMENTS OF PROGRAM.—Sub-*  
5 *section (b) of such section is amended by adding at the end*  
6 *the following new paragraph:*

7 “(12) *Provide information regarding the avail-*  
8 *ability to such members of the following through the*  
9 *Department of Agriculture:*

10 “(A) *Grants, loans, and other assistance to*  
11 *enter production agriculture or engage in rural*  
12 *entrepreneurship.*

13 “(B) *Identification of and assistance in ob-*  
14 *taining employment within the agricultural sec-*  
15 *tor that aligns with military occupational spe-*  
16 *cialties or military certifications, including em-*  
17 *ployment with the Department.*

18 “(C) *Training and apprenticeships for em-*  
19 *ployment in rural communities and in the agri-*  
20 *cultural and food sectors.”.*

21 **SEC. 653. REVIEW AND UPDATE OF REGULATIONS GOV-**  
22 **ERNING DEBT COLLECTORS INTERACTIONS**  
23 **WITH UNIT COMMANDERS.**

24 *Not later than 180 days after the date of the enactment*  
25 *of this Act, the Secretary of Defense shall review and update*

1 *Department of Defense Instruction 1344.09 and any associ-*  
2 *ated regulations to ensure that such regulations comply*  
3 *with Federal consumer protection laws with respect to the*  
4 *collection of debt.*

5           **TITLE VII—HEALTH CARE**  
6                           **PROVISIONS**

7           **Subtitle A—TRICARE and Other**  
8                           **Health Care Benefits**

9 **SEC. 701. TRICARE ADVANTAGE DEMONSTRATION PRO-**  
10                           **GRAM.**

11           (a) *ESTABLISHMENT.*—

12                   (1) *IN GENERAL.*—*Not later than one year after*  
13 *the date of the enactment of this Act, the Secretary*  
14 *shall, in consultation with the Secretary of Health*  
15 *and Human Services, establish a demonstration pro-*  
16 *gram to enable applicable eligible individuals to en-*  
17 *roll in Medicare Advantage plans.*

18                   (2) *DURATION.*—*The demonstration program es-*  
19 *tablished under paragraph (1) shall be carried out for*  
20 *a period of not less than five years.*

21           (b) *PLANS.*—

22                   (1) *SELECTION.*—*The Secretary shall competi-*  
23 *tively select one or more Medicare Advantage plans*  
24 *for which the Secretary of Health and Human Serv-*  
25 *ices has waived or modified requirements under sec-*

1     *tion 1857(i) of the Social Security Act (42 U.S.C.*  
2     *1395w-27(i)) in market areas of the TRICARE pro-*  
3     *gram with large concentrations of beneficiaries eligi-*  
4     *ble for TRICARE for Life (as determined by the Sec-*  
5     *retary) to participate in the demonstration program*  
6     *through the use of risk-bearing, capitated contracts*  
7     *with Medicare Advantage organizations.*

8             (2) *REQUIREMENTS.—Each Medicare Advantage*  
9     *plan selected under paragraph (1) shall meet the fol-*  
10    *lowing requirements:*

11             (A) *The plan is an MA-PD plan (as de-*  
12    *finied in section 1860D-1(a)(3)(C) of the Social*  
13    *Security Act (42 U.S.C. 1395w-101(a)(3)(C))).*

14             (B) *The plan has a minimum quality star*  
15    *rating of four or higher under section 1853(o)(4)*  
16    *of such Act (42 U.S.C. 1395w-23(o)(4)).*

17             (C) *The plan and the Medicare Advantage*  
18    *organization offering the plan meet such other*  
19    *criteria as the Secretary determines appropriate*  
20    *for purposes of this section.*

21             (3) *USE OF DEPARTMENT FACILITIES AND SERV-*  
22    *ICES.—*

23             (A) *MILITARY TREATMENT FACILITIES.—*  
24    *The Secretary may include military treatment*  
25    *facilities as authorized providers for applicable*

1           *eligible individuals enrolled in a Medicare Ad-*  
2           *vantage plan participating in the demonstration*  
3           *program as a service provided by the Depart-*  
4           *ment of Defense.*

5           *(B) PHARMACY BENEFITS PROGRAM.—The*  
6           *Secretary may include coverage of pharma-*  
7           *ceutical agents under the pharmacy benefits pro-*  
8           *gram under section 1074g of title 10, United*  
9           *States Code, as a coverage option for applicable*  
10          *eligible individuals enrolled in a Medicare Ad-*  
11          *vantage plan participating in the demonstration*  
12          *program as a service provided by the Depart-*  
13          *ment of Defense.*

14          *(c) ENROLLMENT OF APPLICABLE ELIGIBLE INDIVID-*  
15          *UALS.—Unless an applicable eligible individual opts out,*  
16          *all applicable eligible individuals located in an area par-*  
17          *ticipating in the demonstration program shall be enrolled*  
18          *in a Medicare Advantage plan selected under subsection*  
19          *(b)(1).*

20          *(d) COSTS OF PROGRAM.—The Secretary and the Sec-*  
21          *retary of Health and Human Services shall jointly deter-*  
22          *mine the appropriate distribution of costs and potential*  
23          *savings to the Department of Defense and the Department*  
24          *of Health and Human Services that result from the dem-*  
25          *onstration program.*

1       (e) *REPORTS.*—

2               (1) *REPORT ON IMPLEMENTATION OF PRO-*  
3 *GRAM.*—

4               (A) *IN GENERAL.*—*Not later than one year*  
5 *after the date of the enactment of this Act, the*  
6 *Secretary shall submit to the Committees on*  
7 *Armed Services of the Senate and the House of*  
8 *Representatives a report on the implementation*  
9 *by the Secretary of the demonstration program*  
10 *under this section.*

11              (B) *ELEMENTS.*—*The report required by*  
12 *subparagraph (A) shall include the following:*

13                   (i) *A description of each Medicare Ad-*  
14 *vantage plan participating in the dem-*  
15 *onstration program, disaggregated by mar-*  
16 *ket area of the TRICARE program (as de-*  
17 *termined by the Secretary).*

18                   (ii) *A description of covered benefits,*  
19 *premium rates, and copayments or cost*  
20 *sharing, if any, for each Medicare Advan-*  
21 *tage plan participating in the demonstra-*  
22 *tion program in each such area.*

23                   (iii) *The number of applicable eligible*  
24 *individuals eligible to enroll and the num-*  
25 *ber of applicable eligible individuals pro-*

1           jected to enroll in each Medicare Advantage  
2           plan participating in the demonstration  
3           program in each such area.

4                   (iv) An assessment of projected average  
5           annual out-of-pocket costs, if any, for appli-  
6           cable eligible individuals enrolled in each  
7           Medicare Advantage plan participating in  
8           the demonstration program.

9                   (v) A description of outcome metrics  
10          developed to measure quality of care, im-  
11          proved health outcomes, better access to  
12          care, and enhanced beneficiary experience  
13          under the demonstration program.

14           (2) *FINAL REPORT.*—Not later than four years  
15          after the date of the enactment of this Act, the Sec-  
16          retary shall submit to the Committees on Armed Serv-  
17          ices of the Senate and the House of Representatives a  
18          report providing a comprehensive assessment of the  
19          demonstration program under this section.

20          (f) *DEFINITIONS.*—In this section:

21                   (1) *APPLICABLE ELIGIBLE INDIVIDUAL.*—The  
22          term “applicable eligible individual” means an eligi-  
23          ble individual (as defined in paragraph (2)) who is  
24          a Medicare Advantage eligible individual (as defined

1 *in section 1851(a)(3) of the Social Security Act (42*  
2 *U.S.C. 1395w-21(a)(3))).*

3 (2) *ELIGIBLE INDIVIDUAL.*—*The term “eligible*  
4 *individual” means an individual eligible for health*  
5 *benefits under section 1086(d) of title 10, United*  
6 *States Code.*

7 (3) *MEDICARE ADVANTAGE ORGANIZATION.*—*The*  
8 *term “Medicare Advantage organization” has the*  
9 *meaning given that term in section 1859 of the Social*  
10 *Security Act (42 U.S.C. 1395w-28).*

11 (4) *MEDICARE ADVANTAGE PLAN.*—*The term*  
12 *“Medicare Advantage plan” means a health plan*  
13 *under part C of title XVIII of the Social Security Act*  
14 *(42 U.S.C. 1395w-21 et seq.).*

15 (5) *SECRETARY.*—*The term “Secretary” means*  
16 *the Secretary of Defense.*

17 (6) *TRICARE PROGRAM; TRICARE FOR LIFE.*—  
18 *The terms “TRICARE program” and “TRICARE for*  
19 *Life” have the meanings given those terms in section*  
20 *1072 of title 10, United States Code.*

21 (g) *REGULATIONS.*—

22 (1) *IN GENERAL.*—*In order to implement expedi-*  
23 *tiously the demonstration program under this section,*  
24 *the Secretary may prescribe such changes to the regu-*



1           “(A) medical care at facilities of the uni-  
2           formed services to which a dependent described  
3           in section 1076(a)(2) of this title is entitled; and

4           “(B) health benefits under the TRICARE  
5           Select self-managed, preferred provider network  
6           option under section 1075 of this title made  
7           available to beneficiaries by reason of this section  
8           and subject to the cost-sharing requirements set  
9           forth in such section 1075.”.

10       (b) TRICARE RETIRED RESERVE.—Section 1076e is  
11 amended—

12           (1) In subsection (b), in the subsection heading,  
13           by striking “RETIRED RESERVE”;

14           (2) In subsection (c), by striking “Retired Re-  
15           serve” the last place it appears; and

16           (3) in subsection (f), by striking paragraph (2)  
17           and inserting the following:

18           “(2) The term ‘TRICARE Retired Reserve’  
19           means—

20           “(A) medical care at facilities of the uni-  
21           formed services to which a dependent described  
22           in section 1076(a)(2) of this title is entitled; and

23           “(B) health benefits under the TRICARE  
24           Select self-managed, preferred provider network  
25           option under section 1075 of this title made

1           available to beneficiaries by reason of this section  
2           and subject to the cost-sharing requirements set  
3           forth in such section 1075.”.

4 **SEC. 703. MODIFICATION OF ELIGIBILITY FOR TRICARE RE-**  
5           **SERVE SELECT AND TRICARE RETIRED RE-**  
6           **SERVE OF CERTAIN MEMBERS OF THE RE-**  
7           **SERVE COMPONENTS.**

8           (a) *TRICARE RESERVE SELECT.*—Section 1076d(a)  
9 of title 10, United States Code, is amended—

10           (1) in paragraph (1), by striking “(1) Except as  
11           provided in paragraph (2), a member” and inserting  
12           “A member”; and

13           (2) by striking paragraph (2).

14           (b) *TRICARE RETIRED RESERVE.*—Section 1076e(a)  
15 of title 10, United States Code, is amended—

16           (1) in paragraph (1), by striking “(1) Except as  
17           provided in paragraph (2), a member” and inserting  
18           “A member”; and

19           (2) by striking paragraph (2).

20 **SEC. 704. EXPEDITED EVALUATION AND TREATMENT FOR**  
21           **PRENATAL SURGERY UNDER THE TRICARE**  
22           **PROGRAM.**

23           (a) *IN GENERAL.*—The Secretary of Defense shall im-  
24           plement processes and procedures to ensure that a covered  
25           beneficiary under the TRICARE program whose pregnancy

1 *is complicated with a fetal condition or suspected of being*  
2 *complicated with a fetal condition receives, in an expedited*  
3 *manner and at the discretion of the covered beneficiary,*  
4 *evaluation, non-directive counseling, and treatment from a*  
5 *perinatal or pediatric specialist capable of providing sur-*  
6 *gical management and intervention in utero.*

7 (b) *DEFINITIONS.—In this section, the terms “covered*  
8 *beneficiary” and “TRICARE program” have the meanings*  
9 *given those terms in section 1072 of title 10, United States*  
10 *Code.*

11 **SEC. 705. SPECIFICATION THAT INDIVIDUALS UNDER THE**  
12 **AGE OF 21 ARE ELIGIBLE FOR HOSPICE CARE**  
13 **SERVICES UNDER THE TRICARE PROGRAM.**

14 *Section 1079(a)(15) of title 10, United States Code,*  
15 *is amended by inserting before the period at the end the*  
16 *following: “, except that hospice care may be provided to*  
17 *individuals under the age of 21”.*

18 **SEC. 706. MODIFICATIONS OF COST-SHARING REQUIRE-**  
19 **MENTS FOR THE TRICARE PHARMACY BENE-**  
20 **FITS PROGRAM AND TREATMENT OF CERTAIN**  
21 **PHARMACEUTICAL AGENTS.**

22 (a) *IN GENERAL.—Paragraph (6) of section 1074g(a)*  
23 *of title 10, United States Code, is amended to read as fol-*  
24 *lows:*

1       “(6)(A) *In the case of any of the years 2018 through*  
 2 *2026, the cost-sharing amounts under this subsection for eli-*  
 3 *gible covered beneficiaries shall be determined in accordance*  
 4 *with the following table:*

<i>“For:</i>	<i>The cost-sharing amount for a 30-day supply of a retail generic is:</i>	<i>The cost-sharing amount for a 30-day supply of a retail formulary is:</i>	<i>The cost-sharing amount for a 90-day supply of a mail order generic is:</i>	<i>The cost-sharing amount for a 90-day supply of a mail order formulary is:</i>	<i>The cost-sharing amount for a 90-day supply of a mail order non-formulary is:</i>
2018	\$10	\$28	\$10	\$28	\$54
2019	\$10	\$30	\$10	\$30	\$58
2020	\$10	\$32	\$10	\$32	\$62
2021	\$11	\$34	\$11	\$34	\$66
2022	\$11	\$36	\$11	\$36	\$70
2023	\$11	\$38	\$11	\$38	\$75
2024	\$12	\$40	\$12	\$40	\$80
2025	\$13	\$42	\$13	\$42	\$85
2026	\$14	\$45	\$14	\$45	\$90

5       “(B) *For any year after 2026, the cost-sharing*  
 6 *amounts under this subsection for eligible covered bene-*  
 7 *ficiaries shall be equal to the cost-sharing amounts for the*  
 8 *previous year adjusted by an amount, if any, determined*  
 9 *by the Secretary to reflect changes in the costs of pharma-*  
 10 *ceutical agents and prescription dispensing, rounded to the*  
 11 *nearest dollar.*

12       “(C) *Notwithstanding subparagraphs (A) and (B), the*  
 13 *cost-sharing amounts under this subsection for a dependent*  
 14 *of a member of the uniformed services who dies while on*  
 15 *active duty, a member retired under chapter 61 of this title,*

1 *or a dependent of a member retired under such chapter shall*  
2 *be equal to the cost-sharing amounts, if any, for 2017.”.*

3 (b) *TREATMENT OF CERTAIN PHARMACEUTICAL*  
4 *AGENTS.—*

5 (1) *PHARMACY BENEFITS PROGRAM.—Such sec-*  
6 *tion is amended by adding at the end the following*  
7 *new paragraph:*

8 “(10) *Notwithstanding paragraphs (2), (5), and (6),*  
9 *in order to encourage the use by covered beneficiaries of*  
10 *pharmaceutical agents that provide the greatest value to*  
11 *covered beneficiaries and the Department of Defense (as de-*  
12 *termined by the Secretary, including considerations of bet-*  
13 *ter care, healthier people, and smarter spending), the Sec-*  
14 *retary may, upon the recommendation of the Pharmacy and*  
15 *Therapeutics Committee established under subsection (b)*  
16 *and review by the Uniform Formulary Beneficiary Advi-*  
17 *sory Panel established under subsection (c)—*

18 “(A) *exclude from the pharmacy benefits pro-*  
19 *gram any pharmaceutical agent that the Secretary*  
20 *determines provides very little or no value to covered*  
21 *beneficiaries and the Department under the program;*  
22 *and*

23 “(B) *give preferential status to any non-generic*  
24 *pharmaceutical agent on the uniform formulary by*  
25 *treating it, for purposes of cost-sharing under para-*

1       *graph (6), as a generic product under the TRICARE*  
2       *retail pharmacy program and mail order pharmacy*  
3       *program.”.*

4               (2) *MEDICAL CONTRACTS.*—*Section 1079 of such*  
5       *title is amended by adding at the end the following*  
6       *new subsection:*

7       “(q) *In the case of any pharmaceutical agent (as de-*  
8       *finied in section 1074g(g) of this title) provided under a con-*  
9       *tract entered into under this section by a physician, in an*  
10       *outpatient department of a hospital, or otherwise as part*  
11       *of any medical services provided under such a contract, the*  
12       *Secretary of Defense may, under regulations prescribed by*  
13       *the Secretary, adopt special reimbursement methods,*  
14       *amounts, and procedures to encourage the use of high-value*  
15       *products and discourage the use of low-value products, as*  
16       *determined by the Secretary.”.*

17               (3) *REGULATIONS.*—*In order to implement expe-*  
18       *ditiously the reforms authorized by the amendments*  
19       *made by paragraphs (1) and (2), the Secretary of De-*  
20       *fense may prescribe such changes to the regulations*  
21       *implementing the TRICARE program (as defined in*  
22       *section 1072 of title 10, United States Code) as the*  
23       *Secretary considers appropriate—*

24               (A) *by prescribing an interim final rule;*  
25       *and*

1           (B) not later than one year after pre-  
2           scribing such interim final rule and considering  
3           public comments with respect to such interim  
4           final rule, by prescribing a final rule.

5 **SEC. 707. CONSOLIDATION OF COST-SHARING REQUIRE-**  
6           **MENTS UNDER TRICARE SELECT AND**  
7           **TRICARE PRIME.**

8           (a) *TRICARE SELECT*.—

9           (1) *IN GENERAL*.—Section 1075 of title 10,  
10          *United States Code*, is amended—

11           (A) in subsection (c), by striking para-  
12          graphs (1) and (2) and inserting the following  
13          new paragraphs:

14          “(1) With respect to beneficiaries in the active-  
15          duty family member category or the retired category  
16          other than beneficiaries described in paragraph  
17          (2)(B), the cost-sharing requirements shall be cal-  
18          culated pursuant to subsection (d)(1).

19          “(2)(A) With respect to beneficiaries described in  
20          subparagraph (B) in the active-duty family member  
21          category or the retired category, the cost-sharing re-  
22          quirements shall be calculated as if the beneficiary  
23          were enrolled in *TRICARE Extra* or *TRICARE*  
24          *Standard* as if *TRICARE Extra* or *TRICARE*

1       *Standard, as the case may be, were still being carried*  
2       *out by the Secretary.*

3               “(B) *Beneficiaries described in this subpara-*  
4       *graph are the following beneficiaries:*

5                       “(i) *Retired members and the family mem-*  
6       *bers of such retired members covered by section*  
7       *1086(c)(1) of this title by reason of being retired*  
8       *under chapter 61 of this title or being a depend-*  
9       *ent of such a retired member.*

10                      “(ii) *Survivors covered by section*  
11       *1086(c)(2) of this title.”;*

12                      (B) *by striking subsection (e); and*

13                      (C) *by redesignating subsections (f), (g),*  
14       *and (h) as subsections (e), (f), and (g), respec-*  
15       *tively.*

16               (2) *CONFORMING AMENDMENT.—Subsection*  
17       *(d)(2) of such section is amended by striking “, and*  
18       *the amounts specified under paragraphs (1) and (2)*  
19       *of subsection (e).”.*

20       (b) *TRICARE PRIME.—Section 1075a(a) of title 10,*  
21       *United States Code, is amended—*

22                      (1) *by striking paragraph (2) and inserting the*  
23       *following new paragraph:*

24                      “(2) *With respect to beneficiaries in the active-*  
25       *duty family member category or the retired category*

1       *(as described in section 1075(b)(1) of this title) other*  
2       *than beneficiaries described in paragraph (3)(B), the*  
3       *cost-sharing requirements shall be calculated pursuant*  
4       *to subsection (b)(1).”; and*

5               *(2) in paragraph (3), by striking subparagraph*  
6       *(B) and inserting the following new subparagraph:*

7               *“(B) Beneficiaries described in this subpara-*  
8       *graph are the following beneficiaries:*

9                       *“(i) Retired members and the family mem-*  
10                      *bers of such retired members covered by section*  
11                      *1086(c)(1) of this title by reason of being retired*  
12                      *under chapter 61 of this title or being a depend-*  
13                      *ent of such a retired member.*

14                     *“(ii) Survivors covered by section*  
15                     *1086(c)(2) of this title.”.*

16       *(c) EFFECTIVE DATE.—The amendments made by this*  
17       *section shall take effect on January 1, 2018.*

18       **SEC. 708. TRICARE TECHNICAL AMENDMENTS.**

19       *(a) DEFINITION OF TRICARE STANDARD.—Para-*  
20       *graph (15) of section 1072 of title 10, United States Code,*  
21       *is amended to read as follows:*

22                     *“(15) The term ‘TRICARE Standard’ means the*  
23                     *TRICARE program made available prior to January*  
24                     *1, 2018, covering health benefits contracted for under*  
25                     *the authority of section 1079(a) or 1086(a) of this*

1 *title and subject to the same rates and conditions as*  
2 *apply to persons covered under those sections.”.*

3 *(b) COST-SHARING AMOUNTS.—*

4 *(1) TRICARE SELECT.—*

5 *(A) ALLOWANCE OF COST-SHARING*  
6 *AMOUNTS AS DETERMINED BY THE SEC-*  
7 *RETARY.—Subsection (d) of section 1075 of such*  
8 *title is amended by adding at the end the fol-*  
9 *lowing new paragraph:*

10 *“(4) The cost-sharing requirements applicable to serv-*  
11 *ices not specifically addressed in the table set forth in para-*  
12 *graph (1) shall be established by the Secretary.”.*

13 *(B) MODIFICATION OF REFERENCE TO AM-*  
14 *BULANCE CIVILIAN NETWORK.—Paragraph (1) of*  
15 *such subsection is amended, in the first column*  
16 *of the table, by striking “Ambulance civilian net-*  
17 *work” and inserting “Ground ambulance civil-*  
18 *ian network”.*

19 *(2) TRICARE PRIME.—*

20 *(A) ALLOWANCE OF COST-SHARING*  
21 *AMOUNTS AS DETERMINED BY THE SEC-*  
22 *RETARY.—Subsection (b) of section 1075a of such*  
23 *title is amended by adding at the end the fol-*  
24 *lowing new paragraph:*

1       “(4) *The cost-sharing requirements applicable to serv-*  
2 *ices not specifically addressed in the table set forth in para-*  
3 *graph (1) shall be established by the Secretary.*”.

4               (B) *MODIFICATION OF REFERENCE TO AM-*  
5 *BULANCE CIVILIAN NETWORK.*—*Paragraph (1) of*  
6 *such section is amended, in the first column of*  
7 *the table, by striking “Ambulance civilian net-*  
8 *work” and inserting “Ground ambulance civil-*  
9 *ian network”.*

10       (c) *MEDICAL CARE FOR DEPENDENTS.*—

11               (1) *REFERENCE TO MEDICALLY NECESSARY VITA-*  
12 *MINS.*—*Paragraphs (3) and (18) of section 1077(a) of*  
13 *such title are amended by striking “subsection (g)”*  
14 *each place it appears and inserting “subsection (h)”.*

15               (2) *ELIGIBILITY OF DEPENDENTS TO PURCHASE*  
16 *HEARING AIDS.*—*Section 1077(g) of such title is*  
17 *amended by striking “of former members of the uni-*  
18 *formed services” and inserting “eligible for care under*  
19 *this section”.*

20       (d) *MODIFICATION OF REFERENCE TO FISCAL*  
21 *YEAR.*—

22               (1) *CONTRACTS FOR MEDICAL CARE FOR*  
23 *SPOUSES AND CHILDREN.*—*Section 1079(b) such title*  
24 *is amended by striking “fiscal year” each place it ap-*  
25 *pears and inserting “calendar year”.*

1           (2) *CONTRACTS FOR HEALTH BENEFITS FOR*  
2           *CERTAIN MEMBERS, FORMER MEMBERS, AND THEIR*  
3           *DEPENDENTS.*—Section 1086(b) of such title is  
4           amended by striking “fiscal year” each place it ap-  
5           pears and inserting “calendar year”.

6           (e) *REFERRALS AND PREAUTHORIZATIONS FOR*  
7           *TRICARE PRIME.*—

8           (1) *PREAUTHORIZATION FOR CARE AT RESIDEN-*  
9           *TIAL TREATMENT CENTERS.*—Section 1095f(b) of such  
10          title is amended by adding at the end the following  
11          new paragraph:

12                 “(4) Inpatient care at a residential treatment  
13                 center.”.

14          (2) *REFERENCE.*—Section 1075a(c) of such title  
15          is amended by striking “section 1075f(a)” and insert-  
16          ing “section 1095f(a)”.

17          (f) *APPLICABILITY OF PREMIUM FOR DEPENDENT*  
18          *COVERAGE.*—Section 1110b(c)(1) of such title is amended  
19          by striking “section 1075 of this section” and inserting  
20          “section 1075 or 1075a of this title, as appropriate”.

21         **SEC. 709. CONTRACEPTION COVERAGE PARITY UNDER THE**  
22                 **TRICARE PROGRAM.**

23          (a) *IN GENERAL.*—Section 1074d of title 10, United  
24          States Code, is amended—

25                 (1) in subsection (a)—

1           (A) in the subsection heading, by inserting  
2           “FOR MEMBERS AND FORMER MEMBERS” after  
3           “SERVICES AVAILABLE”; and

4           (B) in paragraph (1), by striking “sub-  
5           section (b)” and inserting “subsection (d)”;

6           (2) by redesignating subsection (b) as subsection  
7           (d); and

8           (3) by inserting after subsection (a) the following  
9           new subsections:

10          “(b) CARE RELATED TO PREVENTION OF PREG-  
11 NANCY.—Female covered beneficiaries shall be entitled to  
12 care related to the prevention of pregnancy described in sub-  
13 section (d)(3).

14          “(c) PROHIBITION ON COST-SHARING FOR CERTAIN  
15 SERVICES.—Notwithstanding section 1074g(a)(6), section  
16 1075, or section 1075a of this title or any other provision  
17 of law, cost-sharing may not be imposed or collected for care  
18 related to the prevention of pregnancy provided pursuant  
19 to subsection (a) or (b), including for any method of contra-  
20 ception provided, whether provided through a facility of the  
21 uniformed services, the TRICARE retail pharmacy pro-  
22 gram, or the national mail-order pharmacy program.”.

23          (b) CARE RELATED TO PREVENTION OF PREG-  
24 NANCY.—Subsection (d)(3) of such section, as redesignated  
25 by subsection (a)(2), is further amended by inserting before

1 *the period at the end the following: “(including all methods*  
 2 *of contraception approved by the Food and Drug Adminis-*  
 3 *tration, contraceptive care (including with respect to inser-*  
 4 *tion, removal, and follow up), sterilization procedures, and*  
 5 *patient education and counseling in connection therewith)”.*

6 (c) *CONFORMING AMENDMENT.—Section 1077(a)(13)*  
 7 *of such title is amended by striking “section 1074d(b)” and*  
 8 *inserting “section 1074d(d)”.*

9 (d) *EFFECTIVE DATE.—The amendments made by this*  
 10 *section shall take effect on October 1, 2018.*

## 11 ***Subtitle B—Health Care***

### 12 ***Administration***

#### 13 ***SEC. 721. MODIFICATION OF PRIORITY FOR EVALUATION***

#### 14 ***AND TREATMENT OF INDIVIDUALS AT MILI-***

#### 15 ***TARY TREATMENT FACILITIES.***

16 *Subsection (b) of section 717 of the National Defense*  
 17 *Authorization Act for Fiscal Year 2017 (Public Law 114–*  
 18 *328) is amended to read as follows:*

19 *“(b) PRIORITY OF COVERED BENEFICIARIES.—*

20 *“(1) IN GENERAL.—Except as provided in para-*  
 21 *graph (2), the evaluation and treatment of covered*  
 22 *beneficiaries at military treatment facilities shall be*  
 23 *prioritized ahead of the evaluation and treatment of*  
 24 *veterans and civilians at such facilities under sub-*  
 25 *section (a).*

1           “(2) *WAIVER.*—*The Secretary may waive the re-*  
2           *quirement under paragraph (1) in order to provide*  
3           *timely evaluation and treatment for individuals who*  
4           *are—*

5                     “(A) *severely wounded or injured by acts of*  
6           *terror that occur in the United States; or*

7                     “(B) *residents of the United States who are*  
8           *severely wounded or injured by acts of terror*  
9           *outside the United States.”.*

10 **SEC. 722. SELECTION OF DIRECTORS OF MILITARY TREAT-**  
11                     **MENT FACILITIES AND TOURS OF DUTY OF**  
12                     **SUCH DIRECTORS.**

13           (a) *IN GENERAL.*—*Not later than January 1, 2019,*  
14 *the Secretary of Defense shall do the following:*

15                     (1) *Develop the common qualifications and core*  
16           *competencies required of military and civilian indi-*  
17           *viduals for selection as directors of military treatment*  
18           *facilities.*

19                     (2) *Establish a minimum length for the tour of*  
20           *duty of a member of the Armed Forces serving as a*  
21           *director of a military treatment facility.*

22           (b) *QUALIFICATIONS AND COMPETENCIES.*—

23                     (1) *STANDARDS.*—*In developing common quali-*  
24           *fications and core competencies under subsection*

1       (a)(1), the Secretary shall include standards with re-  
2       spect to the following:

3               (A) Professional competence.

4               (B) Moral and ethical integrity and char-  
5       acter.

6               (C) Formal education in healthcare execu-  
7       tive leadership and healthcare management.

8               (D) Such other matters as the Secretary  
9       considers appropriate.

10       (2) *OBJECTIVE.*—The objective of the Secretary  
11       in developing such qualifications and competencies  
12       shall be to ensure that the individuals selected as di-  
13       rectors of military treatment facilities are highly  
14       qualified to serve as health system executives in a  
15       medical treatment facility of the Armed Forces.

16       (c) *TOURS OF DUTY.*—

17               (1) *IN GENERAL.*—Except as provided in para-  
18       graph (2), in the case of a director of a military  
19       treatment facility who is a member of the Armed  
20       Forces, the length of the tour of duty of any such di-  
21       rector assigned to such position after January 1,  
22       2019, may not be shorter than the longer of—

23               (A) the length established pursuant to sub-  
24       section (a)(2); or

25               (B) three years.

1           (2) *WAIVER.*—*The Secretary may authorize a*  
2 *tour of duty of a member of the Armed Forces serving*  
3 *as a director of a military treatment facility of a*  
4 *shorter length than is otherwise provided for in para-*  
5 *graph (1) if the Secretary determines, in the discre-*  
6 *tion of the Secretary, that there is good cause for a*  
7 *tour of duty in such position of shorter length. Any*  
8 *such determination shall be made on a case-by-case*  
9 *basis.*

10 **SEC. 723. CLARIFICATION OF ADMINISTRATION OF MILI-**  
11 **TARY MEDICAL TREATMENT FACILITIES.**

12           *Section 1073c(a) of title 10, United States Code, is*  
13 *amended—*

14           (1) *in paragraph (1)(E), by striking “miliary”*  
15 *and inserting “military”;*

16           (2) *in paragraph (2), in the matter preceding*  
17 *subparagraph (A), by striking “commander of each*  
18 *military medical treatment facility” and inserting*  
19 *“military or civilian director of each military med-*  
20 *ical treatment facility, under the authority, direction,*  
21 *and control of the Director of the Defense Health*  
22 *Agency,”; and*

23           (3) *by adding at the end the following new para-*  
24 *graph:*



1 **SEC. 725. PILOT PROGRAM ON ESTABLISHMENT OF INTE-**  
2 **GRATED HEALTH CARE DELIVERY SYSTEMS.**

3 (a) *IN GENERAL.*—Beginning not later than one year  
4 after the date of the enactment of this Act, the Secretary  
5 of Defense, in consultation with the Secretary of Veterans  
6 Affairs and the Secretary of Health and Human Services,  
7 shall carry out a pilot program to establish integrated  
8 health care delivery systems among the military health sys-  
9 tem, other Federal health systems, and private sector inte-  
10 grated health systems.

11 (b) *DURATION OF PILOT PROGRAM.*—The Secretary of  
12 Defense shall carry out the pilot program for a period of  
13 not less than five years.

14 (c) *IMPLEMENTATION OF PILOT PROGRAM.*—

15 (1) *ESTABLISHMENT OF TASK FORCE.*—The Sec-  
16 retary shall establish a multi-disciplinary task force  
17 of Federal and private sector health care experts (in  
18 this section referred to as the “Task Force”) to de-  
19 velop a plan to implement the pilot program.

20 (2) *MEMBERSHIP OF TASK FORCE.*—

21 (A) *IN GENERAL.*—The Task Force shall be  
22 composed of senior health care representatives  
23 from—

24 (i) the Department of Defense;

25 (ii) the Department of Veterans Af-  
26 fairs;

1                   (iii) *the Centers for Medicare & Med-*  
2                   *icaid Services;*

3                   (iv) *high-performance, integrated*  
4                   *health systems in the private sector; and*

5                   (v) *health information technology orga-*  
6                   *nizations in the private sector.*

7                   (B) *ADDITIONAL MEMBERS.—The Secretary*  
8                   *may appoint additional members of the Task*  
9                   *Force from the private sector as the Secretary*  
10                  *considers appropriate.*

11                  (3) *SUBMITTAL OF PLAN.—Not later than 180*  
12                  *days after the date of the enactment of this Act, the*  
13                  *Task Force shall submit to the Secretary an imple-*  
14                  *mentation plan for the pilot program.*

15                  (4) *NONAPPLICABILITY OF FEDERAL ADVISORY*  
16                  *COMMITTEE ACT.—The Federal Advisory Committee*  
17                  *Act (5 U.S.C. App.) shall not apply to the Task*  
18                  *Force.*

19                  (d) *ELEMENTS.—The pilot program shall be developed*  
20                  *and carried out as follows:*

21                   (1) *To create high-value integrated health sys-*  
22                   *tems that—*

23                           (A) *establish value-based models of reim-*  
24                           *bursement for health care providers in integrated*  
25                           *health care delivery systems to promote medical*

1            *innovation and create better health value for pa-*  
2            *tients;*

3            *(B) provide innovative health benefit design*  
4            *solutions to promote effective, efficient, and af-*  
5            *fordable health care; and*

6            *(C) tailor case management and care co-*  
7            *ordination for high-need, high-cost patients.*

8            *(2) To empower health care providers with real-*  
9            *time advanced information technology solutions—*

10           *(A) to coordinate and manage health care*  
11           *services across the continuum of care; and*

12           *(B) to leverage sophisticated data capture,*  
13           *cloud computing, and data analytical tools to*  
14           *provide predictive modeling capabilities for*  
15           *health care providers.*

16           *(3) To empower patients with transparent infor-*  
17           *mation on health care costs, quality outcomes, and*  
18           *safety within health care provider networks in high-*  
19           *value integrated health systems.*

20           *(4) To provide incentives to patients and health*  
21           *care providers to prevent overuse of low-value health*  
22           *care services.*

23           *(e) REPORTS.—*

24           *(1) REPORT ON IMPLEMENTATION.—Not later*  
25           *than 270 days after the date of the enactment of this*

1 *Act, the Secretary shall transmit to the Committees*  
2 *on Armed Services of the Senate and the House of*  
3 *Representatives the implementation plan submitted to*  
4 *the Secretary under subsection (c)(3).*

5 (2) *FINAL REPORT.*—

6 (A) *IN GENERAL.*—*Not later than four*  
7 *years after the date that the pilot program be-*  
8 *gins, the Secretary shall submit to the Commit-*  
9 *tees on Armed Services of the Senate and the*  
10 *House of Representatives a report assessing the*  
11 *pilot program.*

12 (B) *ELEMENTS.*—*The report submitted*  
13 *under subparagraph (A) shall provide the fol-*  
14 *lowing:*

15 (i) *An analysis of the impact of the*  
16 *pilot program on building sustainable inte-*  
17 *grated health care delivery systems among*  
18 *the military health system, other Federal*  
19 *health systems, and private sector inte-*  
20 *grated health systems.*

21 (ii) *A determination of the extent to*  
22 *which value-based health care reimburse-*  
23 *ment models create value for patients and*  
24 *the health systems participating in the pilot*  
25 *program.*

1           (iii) *A determination of the extent to*  
2 *which the use of real-time advanced infor-*  
3 *mation technology solutions—*

4                 (I) *improves coordination and*  
5 *management of health care services*  
6 *across the continuum of care; and*

7                 (II) *leverages sophisticated data*  
8 *capture, cloud computing, and data*  
9 *analytical tools to provide comprehen-*  
10 *sive predictive modeling capabilities*  
11 *for health care providers.*

12           (iv) *A determination of the extent to*  
13 *which transparency of health care costs,*  
14 *health care quality outcomes, and patient*  
15 *safety within health care provider networks*  
16 *encourages patients to seek care from health*  
17 *care providers who provide high-quality*  
18 *health outcomes at lower cost.*

19           (v) *A determination of the extent to*  
20 *which patient and provider incentives pre-*  
21 *vent overuse of low-value health services.*

22           (vi) *A determination of the extent to*  
23 *which the pilot program should be expanded*  
24 *and implemented on a permanent basis.*

1           ***Subtitle C—Reports and Other***  
2                                   ***Matters***

3   **SEC. 731. EXTENSION OF AUTHORITY FOR JOINT DEPART-**  
4                           **MENT OF DEFENSE-DEPARTMENT OF VET-**  
5                           **ERANS AFFAIRS MEDICAL FACILITY DEM-**  
6                           **ONSTRATION FUND.**

7           *Section 1704(e) of the National Defense Authorization*  
8   *Act for Fiscal Year 2010 (Public Law 111–84; 123 Stat.*  
9   *2573), as amended by section 722 of the Carl Levin and*  
10   *Howard P. “Buck” McKeon National Defense Authoriza-*  
11   *tion Act for Fiscal Year 2015 (Public Law 113–291), sec-*  
12   *tion 723 of the National Defense Authorization Act for Fis-*  
13   *cal Year 2016 (Public Law 114–92), and section 741(a) of*  
14   *the National Defense Authorization Act for Fiscal Year*  
15   *2017 (Public Law 114–328), is further amended by striking*  
16   *“September 30, 2018” and inserting “September 30, 2019”.*

17   **SEC. 732. ADDITIONAL EMERGENCY USES FOR MEDICAL**  
18                           **PRODUCTS TO REDUCE DEATHS AND SEVER-**  
19                           **ITY OF INJURIES CAUSED BY AGENTS OF**  
20                           **WAR.**

21           *Section 1107a of title 10, United States Code, is*  
22   *amended by adding at the end the following new subsection:*

23           ***“(d) ADDITIONAL AUTHORITY TO REDUCE DEATHS***  
24   ***AND SEVERITY OF INJURIES CAUSED BY AGENTS OF***  
25   ***WAR.—(1) In a case in which an emergency use of an un-***

1 *approved product or an emergency unapproved use of an*  
2 *approved product cannot be authorized under section 564*  
3 *of the Federal Food, Drug and Cosmetic Act (21 U.S.C.*  
4 *360bbb–3) because the emergency does not involve an actual*  
5 *or threatened attack with a biological, chemical, radio-*  
6 *logical, or nuclear agent or agents, the Secretary of Defense*  
7 *may authorize an emergency use outside the United States*  
8 *of the product to reduce the number of deaths or the severity*  
9 *of harm to members of the armed forces (or individuals as-*  
10 *sociated with deployed members of the armed forces) caused*  
11 *by a risk or agent of war.*

12       “(2) *Except as otherwise provided in this subsection,*  
13 *an authorization by the Secretary under paragraph (1)*  
14 *shall have the same effect with respect to the armed forces*  
15 *as an emergency use authorization under section 564 of the*  
16 *Federal Food, Drug and Cosmetic Act (21 U.S.C. 360bbb–*  
17 *3).*

18       “(3) *The Secretary may issue an authorization under*  
19 *paragraph (1) with respect to the emergency use of an un-*  
20 *approved product or the emergency unapproved use of an*  
21 *approved product only if—*

22               “(A) *the committee established under paragraph*  
23 *(5) has recommended that the Secretary issue the au-*  
24 *thorization; and*

1           “(B) *the Assistant Secretary of Defense for*  
2           *Health Affairs makes a written determination, after*  
3           *consultation with the Commissioner of Food and*  
4           *Drugs, that, based on the totality of scientific evidence*  
5           *available to the Assistant Secretary, criteria com-*  
6           *parable to those specified in section 564(c) of the Fed-*  
7           *eral Food, Drug and Cosmetic Act (21 U.S.C.*  
8           *360bbb–3(c)) have been met.*

9           “(4) *With respect to the emergency use of an unap-*  
10          *proved product or the emergency unapproved use of an ap-*  
11          *proved product under this subsection, the Secretary of De-*  
12          *fense shall establish such scope, conditions, and terms under*  
13          *this subsection as the Secretary considers appropriate, in-*  
14          *cluding scope, conditions, and terms comparable to those*  
15          *specified in section 564 of the Federal Food, Drug and Cos-*  
16          *metic Act (21 U.S.C. 360bbb–3).*

17          “(5)(A) *There is established in the Department of De-*  
18          *fense a Department of Defense Emergency Use Authoriza-*  
19          *tion Committee (in this paragraph referred to as the ‘Com-*  
20          *mittee’) to advise the Assistant Secretary of Defense for*  
21          *Health Affairs on proposed authorizations under this sub-*  
22          *section.*

23          “(B) *Members of the Committee shall be appointed by*  
24          *the Secretary of Defense and shall consist of prominent*  
25          *health care professionals who are not employees of the De-*

1 *partment of Defense (other than for purposes of serving as*  
 2 *a member of the Committee).*

3 “(C) *The Committee may be established as a sub-*  
 4 *committee of another Federal advisory committee.*

5 “(6) *In this subsection:*

6 “(A) *The term ‘biological product’ has the mean-*  
 7 *ing given that term in section 351(i) of the Public*  
 8 *Health Service Act (42 U.S.C. 262(i)).*

9 “(B) *The terms ‘device’ and ‘drug’ have the*  
 10 *meanings given those terms in section 201 of the Fed-*  
 11 *eral Food, Drug and Cosmetic Act (21 U.S.C. 321).*

12 “(C) *The term ‘product’ means a drug, device, or*  
 13 *biological product.*

14 “(D) *The terms ‘unapproved product’ and ‘unap-*  
 15 *proved use of an approved product’ have the mean-*  
 16 *ings given those terms in section 564(a)(4) of the Fed-*  
 17 *eral Food, Drug and Cosmetic Act (21 U.S.C.*  
 18 *360bbb-3(a)(4)).”.*

19 **SEC. 733. PROHIBITION ON CONDUCT OF CERTAIN MEDICAL**  
 20 **RESEARCH AND DEVELOPMENT PROJECTS.**

21 *The Secretary of Defense and each Secretary of a mili-*  
 22 *tary department may not fund or conduct a medical re-*  
 23 *search and development project unless the Secretary funding*  
 24 *or conducting the project—*

1           (1) *submits to the Committees on Armed Services*  
 2 *of the Senate and the House of Representatives a*  
 3 *written certification that the project is designed to di-*  
 4 *rectly protect, enhance, or restore the health and safe-*  
 5 *ty of members of the Armed Forces; and*

6           (2) *does not initiate the funding or conduct of*  
 7 *such project until the date that is 90 days after the*  
 8 *submittal of such written certification.*

9 **SEC. 734. MODIFICATION OF DETERMINATION OF AVERAGE**  
 10 **WAIT TIMES AT URGENT CARE CLINICS AND**  
 11 **PHARMACIES AT MILITARY MEDICAL TREAT-**  
 12 **MENT FACILITIES UNDER PILOT PROGRAM.**

13           (a) *URGENT CARE CLINICS.*—*Subsection (c)(2) of sec-*  
 14 *tion 744 of the National Defense Authorization Act for Fis-*  
 15 *cal Year 2017 (Public Law 114–328) is amended to read*  
 16 *as follows:*

17           “(2) *DETERMINATION.*—*In carrying out para-*  
 18 *graph (1), the Secretary shall determine the average*  
 19 *wait time to display under such paragraph by using*  
 20 *a formula derived from best practices in the health*  
 21 *care industry.”.*

22           (b) *PHARMACIES.*—*Subsection (d)(2) of such section is*  
 23 *amended to read as follows:*

24           “(2) *DETERMINATION.*—*In carrying out para-*  
 25 *graph (1), the Secretary shall determine the average*

1       *wait time to display under such paragraph by using*  
2       *a formula derived from best practices in the health*  
3       *care industry.”.*

4       **SEC. 735. REPORT ON PLAN TO IMPROVE PEDIATRIC CARE**  
5                   **AND RELATED SERVICES FOR CHILDREN OF**  
6                   **MEMBERS OF THE ARMED FORCES.**

7       *(a) IN GENERAL.—Not later than 180 days after the*  
8       *date of the enactment of this Act, the Secretary of Defense*  
9       *shall submit to the Committees on Armed Services of the*  
10       *Senate and the House of Representatives a report setting*  
11       *forth a plan of the Department of Defense to improve pedi-*  
12       *atric care and related services for children of members of*  
13       *the Armed Forces.*

14       *(b) ELEMENTS.—The report required by subsection (a)*  
15       *shall include the following:*

16               *(1) In order to ensure that children receive devel-*  
17       *opmentally-appropriate and age-appropriate health*  
18       *care services from the Department, a plan to align*  
19       *preventive pediatric care under the TRICARE pro-*  
20       *gram with—*

21                   *(A) standards for such care as required by*  
22       *the Patient Protection and Affordable Care Act*  
23       *(Public Law 111–148);*

24                   *(B) guidelines established for such care by*  
25       *the Early and Periodic Screening, Diagnosis,*

1           *and Treatment program under the Medicaid pro-*  
2           *gram carried out under title XIX of the Social*  
3           *Security Act (42 U.S.C. 1396 et seq.); and*

4           *(C) recommendations by organizations that*  
5           *specialize in pediatrics.*

6           *(2) A plan to develop a uniform definition of*  
7           *“pediatric medical necessity” for the Department that*  
8           *aligns with recommendations of organizations that*  
9           *specialize in pediatrics in order to ensure that a con-*  
10          *sistent definition of such term is used in providing*  
11          *health care in military treatment facilities and by*  
12          *health care providers under the TRICARE program.*

13          *(3) A plan to revise certification requirements*  
14          *for residential treatment centers of the Department to*  
15          *expand the access of children of members of the Armed*  
16          *Forces to services at such centers.*

17          *(4) A plan to develop measures to evaluate and*  
18          *improve access to pediatric care, coordination of pedi-*  
19          *atric care, and health outcomes for such children.*

20          *(5) A plan to include an assessment of access to*  
21          *pediatric specialty care in the annual report to Con-*  
22          *gress on the effectiveness of the TRICARE program.*

23          *(6) A plan to improve the quality of and access*  
24          *to behavioral health care under the TRICARE pro-*  
25          *gram for children of members of the Armed Forces,*

1       including intensive outpatient and partial hos-  
2       pitalization services.

3               (7) *A plan to mitigate the impact of permanent*  
4       *changes of station and other service-related relocations*  
5       *of members of the Armed Forces on the continuity of*  
6       *health care services received by such children who*  
7       *have special medical or behavioral health needs.*

8               (8) *A plan to mitigate deficiencies in data collec-*  
9       *tion, data utilization, and data analysis to improve*  
10       *pediatric care and related services for children of*  
11       *members of the Armed Forces.*

12       (c) *TRICARE PROGRAM DEFINED.*—*In this section,*  
13       *the term “TRICARE program” has the meaning given such*  
14       *term in section 1072 of title 10, United States Code.*

15       **SEC. 736. INCLUSION OF GAMBLING DISORDER IN HEALTH**  
16                       **ASSESSMENTS AND RELATED RESEARCH EF-**  
17                       **FORTS OF THE DEPARTMENT OF DEFENSE.**

18       (a) *ANNUAL PERIODIC HEALTH ASSESSMENT.*—*The*  
19       *Secretary of Defense shall incorporate medical screening*  
20       *questions specific to gambling disorder into the Annual*  
21       *Periodic Health Assessment (DD Form 3024) conducted by*  
22       *the Department of Defense for members of the Armed Forces.*

23       (b) *RESEARCH EFFORTS.*—*The Secretary shall incor-*  
24       *porate into ongoing research efforts of the Department ques-*  
25       *tions on gambling disorder, as appropriate, including by*

1 *restoring such questions into the Health Related Behaviors*  
2 *Survey of Active Duty Military Personnel.*

3 **SEC. 737. FEASIBILITY STUDY ON CONDUCT OF PILOT PRO-**  
4 **GRAM ON MENTAL HEALTH READINESS OF**  
5 **PART-TIME MEMBERS OF THE RESERVE COM-**  
6 **ONENTS OF THE ARMED FORCES.**

7 (a) *IN GENERAL.*—Not later than one year after the  
8 date of the enactment of this Act, the Secretary of Defense  
9 shall conduct a feasibility study and cost estimate for a  
10 pilot program that uses predictive analytics and screening  
11 to identify mental health risk and provide early, targeted  
12 intervention for part-time members of the reserve compo-  
13 nents of the Armed Forces to improve readiness and mission  
14 success.

15 (b) *ELEMENTS.*—The feasibility study conducted  
16 under subsection (a) shall include elements to assess the fol-  
17 lowing with respect to the pilot program studied under such  
18 subsection:

19 (1) *The anticipated improvement in quality of*  
20 *behavioral health services for part-time members of*  
21 *the reserve components of the Armed Forces and the*  
22 *impact of such improvement in quality of behavioral*  
23 *health services on their families and employers.*

1           (2) *The anticipated impact on the culture sur-*  
2 *rounding behavioral health treatment and help-seek-*  
3 *ing behavior.*

4           (3) *The feasibility of embedding mental health*  
5 *professionals with units that—*

6                 (A) *perform core mission sets and capabili-*  
7 *ties; and*

8                 (B) *carry out high-risk and high-demand*  
9 *missions.*

10          (4) *The particular preventative mental health*  
11 *needs of units at different states of their operational*  
12 *readiness cycle.*

13          (5) *The need for additional personnel of the De-*  
14 *partment of Defense to implement the pilot program.*

15          (6) *The cost of implementing the pilot program*  
16 *throughout the reserve components of the Armed*  
17 *Forces.*

18          (7) *The benefits of an integrated operational*  
19 *support team for the Air National Guard and Army*  
20 *National Guard units.*

21          (c) *COMPARISON TO FULL-TIME MEMBERS OF RE-*  
22 *SERVE COMPONENTS.—As part of the feasibility study con-*  
23 *ducted under subsection (a), the Secretary shall assess the*  
24 *mental health risk of part-time members of the reserve com-*

1 *ponents of the Armed Forces as compared to full-time mem-*  
2 *bers of the reserve components of the Armed Forces.*

3 *(d) USE OF EXISTING MODELS.—In conducting the*  
4 *feasibility study under subsection (a), the Secretary shall*  
5 *make use of existing models for preventative mental health*  
6 *care, to the extent practicable, such as the approach devel-*  
7 *oped by the United States Air Force School of Aerospace*  
8 *Medicine.*

9 **TITLE VIII—ACQUISITION POL-**  
10 **ICY, ACQUISITION MANAGE-**  
11 **MENT, AND RELATED MAT-**  
12 **TERS**

13 ***Subtitle A—Acquisition Policy and***  
14 ***Management***

15 **SEC. 801. REPEAL OF TEMPORARY SUSPENSION OF PUBLIC-**  
16 **PRIVATE COMPETITIONS FOR CONVERSION**  
17 **OF DEPARTMENT OF DEFENSE FUNCTIONS**  
18 **TO PERFORMANCE BY CONTRACTORS.**

19 *Effective as of the date that is one year after the date*  
20 *of the enactment of this Act, section 325 of the National*  
21 *Defense Authorization Act for Fiscal Year 2010 (Public*  
22 *Law 111–84; 123 Stat. 2253) is repealed.*

1 **SEC. 802. TECHNICAL AND CONFORMING AMENDMENTS RE-**  
2 **LATED TO PROGRAM MANAGEMENT PROVI-**  
3 **SIONS.**

4 (a) *REPEAL OF DUPLICATIVE PROVISION RELATED TO*  
5 *PROGRAM AND PROJECT MANAGEMENT.*—Subsection (c) of  
6 *section 503 of title 31, United States Code, as added by*  
7 *section 861(a)(1) of the National Defense Authorization Act*  
8 *for Fiscal Year 2017 (Public Law 114–328; 130 Stat.*  
9 *2298), is repealed.*

10 (b) *REPEAL OF DUPLICATIVE PROVISION RELATED TO*  
11 *PROGRAM MANAGEMENT OFFICERS AND PROGRAM MAN-*  
12 *AGEMENT POLICY COUNCIL.*—Section 1126 of title 31,  
13 *United States Code, as added by section 861(b)(1) of the*  
14 *National Defense Authorization Act for Fiscal Year 2017*  
15 *(Public Law 114–328; 130 Stat. 2299), is repealed.*

16 (c) *REPEAL OF OBSOLETE PROVISIONS.*—Section 861  
17 *of the National Defense Authorization Act for Fiscal Year*  
18 *2017 (Public Law 114–328; 130 Stat. 2299) is amended—*

19 (1) *in subsection (a), by striking paragraphs (2)*  
20 *and (3);*

21 (2) *in subsection (b), by striking paragraph (2);*  
22 *and*

23 (3) *by striking subsections (c) and (d).*

24 **SEC. 803. SHOULD-COST MANAGEMENT.**

25 (a) *REQUIREMENT FOR REGULATIONS.*—Not later  
26 *than 180 days after the date of the enactment of this Act,*

1 *the Secretary of Defense shall amend the Defense Supple-*  
2 *ment to the Federal Acquisition Regulation to provide for*  
3 *the appropriate use of the should-cost review process in a*  
4 *manner that is transparent, objective, and provides for the*  
5 *efficiency of the systems acquisition process in the Depart-*  
6 *ment of the Defense.*

7       **(b) REQUIRED ELEMENTS.**—*The regulations required*  
8 *under subsection (a) shall incorporate, at a minimum, the*  
9 *following elements:*

10           (1) *A description of the features distinguishing a*  
11 *should-cost review and the analysis of program direct*  
12 *and indirect costs.*

13           (2) *Establishment of a process for commu-*  
14 *nicating with the contractor the elements of a pro-*  
15 *posed should-cost review.*

16           (3) *A method for ensuring that identified should-*  
17 *cost savings opportunities are based on accurate, com-*  
18 *plete, and current information and are associated*  
19 *with specific engineering or business changes that can*  
20 *be quantified and tracked.*

21           (4) *A description of the training, skills, and ex-*  
22 *perience, including cross functional experience, that*  
23 *Department of Defense and contractor officials car-*  
24 *rying out a should-cost review in subsection (a)*  
25 *should possess.*

1           (5) *A method for ensuring appropriate collabora-*  
2 *tion with the contractor throughout the review proc-*  
3 *ess.*

4           (6) *Establishment of review process requirements*  
5 *that provide for sufficient analysis and minimize any*  
6 *impact on program schedule.*

7           (7) *A requirement that any separate audit or re-*  
8 *view carried out in connection with the should-cost*  
9 *review be provided to the prime contractor under the*  
10 *program.*

11 **SEC. 804. CLARIFICATION OF PURPOSE OF DEFENSE ACQUI-**  
12 **SITION.**

13           *Not later than 180 days after the date of the enactment*  
14 *of this Act, the Secretary of Defense shall amend the Defense*  
15 *Federal Acquisition Regulation as appropriate to provide*  
16 *the following:*

17           (1) *The Defense Acquisition System exists to*  
18 *manage the nation's investments in technologies, pro-*  
19 *grams, and product support necessary to achieve the*  
20 *National Security Strategy and support the United*  
21 *States Armed Forces.*

22           (2) *The investment strategy of the Department of*  
23 *Defense shall be postured to support not only today's*  
24 *force, but also the next force, and future forces beyond*  
25 *that.*



1 2022. The Secretary of Defense shall provide the congres-  
2 sional defense committees annual briefings on the meetings.

3 (c) *FEDERAL ADVISORY COMMITTEE ACT.*—The Fed-  
4 eral Advisory Committee Act (5 U.S.C. App.) shall not  
5 apply to the defense policy advisory committee on tech-  
6 nology established pursuant to this section.

7 **SEC. 806. REPORT ON EXTENSION OF DEVELOPMENT, AC-**  
8 **QUISITION, AND SUSTAINMENT AUTHORITIES**  
9 **OF THE MILITARY DEPARTMENTS TO THE**  
10 **UNITED STATES SPECIAL OPERATIONS COM-**  
11 **MAND.**

12 (a) *REVIEW.*—The Secretary of Defense shall carry out  
13 a review of the authorities available to the Secretaries of  
14 the military departments and the acquisition executives of  
15 the military departments for the development, acquisition,  
16 and sustainment of technology, equipment, and services for  
17 the military departments in order to determine the feasi-  
18 bility and advisability of the provision of such authorities  
19 to the Commander of the United States Special Operations  
20 Command and the acquisition executive of the Command  
21 for the development, acquisition, and sustainment of special  
22 operations-peculiar technology, equipment, and services.

23 (b) *REPORT.*—Not later than 120 days after the date  
24 of the enactment of this Act, the Secretary shall submit to  
25 the Committees on Armed Services of the Senate and the



1 *tems report on the original cost, schedule, and performance*  
2 *goals throughout the program to ensure transparency.*

3 (b) *MAJOR SYSTEM DEFINED.*—*In this section, the*  
4 *term “major system” has the meaning given the term in*  
5 *section 2302d of title 10, United States Code.*

6 ***Subtitle B—Amendments to General***  
7 ***Contracting Authorities, Proce-***  
8 ***dures, and Limitations***

9 ***SEC. 811. WAIVER AUTHORITY FOR PURPOSES OF EXPAND-***  
10 ***ING COMPETITION.***

11 *Section 2304 of title 10, United States Code, is amend-*  
12 *ed by adding at the end the following new subsection:*

13 “(m) *In the event the application of any provision of*  
14 *law results in only one responsible bidder for a contract,*  
15 *the Secretary of Defense may waive such provision of law*  
16 *(other than subsection (c)) for purposes of expanding com-*  
17 *petition for the contract.”.*

18 ***SEC. 812. INCREASED SIMPLIFIED ACQUISITION THRESH-***  
19 ***OLD APPLICABLE TO DEPARTMENT OF DE-***  
20 ***FENSE PROCUREMENTS.***

21 (a) *INCREASED SIMPLIFIED ACQUISITION THRESH-*  
22 *OLD.*—

23 (1) *IN GENERAL.*—*Chapter 137 of title 10,*  
24 *United States Code, is amended by adding at the end*  
25 *the following new section:*

1 **“§2339a. Simplified acquisition threshold**

2       *“Notwithstanding section 134 of title 41, the simplified*  
 3 *acquisition threshold for the Department of Defense for pur-*  
 4 *poses of such section is \$250,000.”.*

5           (2) *CLERICAL AMENDMENT.—The table of sec-*  
 6 *tions at the beginning of such chapter is amended by*  
 7 *adding at the end the following new item:*

*“2339a. Simplified acquisition threshold.”.*

8           (b) *CONFORMING AMENDMENT.—Section 134 of title*  
 9 *41, United States Code, is amended by striking “In division*  
 10 *B” and inserting “Except as provided in section 2339a of*  
 11 *title 10, in division B”.*

12 **SEC. 813. INCREASED THRESHOLD FOR COST OR PRICING**  
 13                   **DATA AND TRUTH IN NEGOTIATIONS RE-**  
 14                   **QUIREMENTS.**

15       *Section 2306a of title 10, United States Code, is*  
 16 *amended by striking “\$500,000” each place it appears and*  
 17 *inserting “\$1,000,000”.*

18 **SEC. 814. CONTRACT AUTHORITY FOR ADVANCED DEVELOP-**  
 19                   **MENT OF INITIAL OR ADDITIONAL PROTO-**  
 20                   **TYPE UNITS.**

21       (a) *PERMANENT AUTHORITY.—*

22           (1) *IN GENERAL.—Chapter 137 of title 10,*  
 23 *United States Code, is amended by inserting after sec-*  
 24 *tion 2302d the following new section:*

1 **“§2302e. Contract authority for advanced develop-**  
2 **ment of initial or additional prototype**  
3 **units**

4 “(a) *AUTHORITY.*—A contract initially awarded from  
5 the competitive selection of a proposal resulting from a gen-  
6 eral solicitation referred to in section 2302(2)(B) of this  
7 title may contain a contract line item or contract option  
8 for—

9 “(1) *the provision of advanced component devel-*  
10 *opment, prototype, or initial production of technology*  
11 *developed under the contract; or*

12 “(2) *the delivery of initial or additional items if*  
13 *the item or a prototype thereof is created as the result*  
14 *of work performed under the contract.*

15 “(b) *LIMITATIONS.*—

16 “(1) *MINIMAL AMOUNT.*—A contract line item or  
17 contract option described in subsection (a)(2) shall re-  
18 quire the delivery of the minimal amount of initial  
19 or additional items to allow for the timely competi-  
20 tive solicitation and award of a follow-on develop-  
21 ment or production contract for those items.

22 “(2) *TERM.*—A contract line item or contract  
23 option described in subsection (a) shall be for a term  
24 of not more than 2 years.

25 “(3) *DOLLAR VALUE OF WORK.*—The dollar  
26 value of the work to be performed pursuant to a con-

1        *tract line item or contract option described in sub-*  
2        *section (a) may not exceed the amount of expenditure*  
3        *consistent with a major system, as defined in section*  
4        *2302d of this title.*

5                *“(4) APPLICABILITY.—The authority provided in*  
6        *subsection (a) applies only to the Secretary of De-*  
7        *fense, the Secretary of the Army, the Secretary of the*  
8        *Navy, and the Secretary of the Air Force.”.*

9                *(2) CLERICAL AMENDMENT.—The table of sec-*  
10        *tions at the beginning of such chapter is amended by*  
11        *inserting after the item relating to section 2302d the*  
12        *following new item:*

*“2302e. Contract authority for advanced development of initial or additional pro-*  
*toype units.”.*

13        *(b) MODIFICATION OF COMPETITIVE PROCEDURES*  
14        *DEFINITION.—Section 2302(2)(B) of title 10, United States*  
15        *Code, is amended by striking “basic research proposals”*  
16        *and inserting “proposals for basic research, applied re-*  
17        *search, advanced research, or development projects”.*

18        *(c) REPEAL OF OBSOLETE AUTHORITY.—Section 819*  
19        *of the National Defense Authorization Act for Fiscal Year*  
20        *2010 (Public Law 107–314; 10 U.S.C. 2302 note) is hereby*  
21        *repealed.*

1 **SEC. 815. TREATMENT OF INDEPENDENT RESEARCH AND**  
2 **DEVELOPMENT COSTS ON CERTAIN CON-**  
3 **TRACTS.**

4 (a) *THRESHOLD FOR ESTABLISHING ADVISORY PANEL*  
5 *RELATED TO GOAL FOR REIMBURSABLE BID AND PRO-*  
6 *POSAL COSTS.*—Section 2372a(d)(1) of title 10, United  
7 States Code, as added by section 824(b)(1) of the National  
8 Defense Authorization Act for Fiscal Year 2017 (Public  
9 Law 114–328), is amended by striking “If the Department  
10 of Defense exceeds the goal established under subsection (c)  
11 for a fiscal year, within 180 days after exceeding the goal”  
12 and inserting “If the amount of reimbursable bid and pro-  
13 posal costs paid by the Department of Defense for a fiscal  
14 year exceeds .75 percent of the total aggregate industry sales  
15 to the Department for such fiscal year, within 180 days  
16 of exceeding such threshold”.

17 (b) *INDEPENDENT RESEARCH AND DEVELOPMENT*  
18 *COSTS: ALLOWABLE COSTS.*—Section 2372(d) of title 10,  
19 United States Code, as amended by section 824(a)(1) of the  
20 National Defense Authorization Act for Fiscal Year 2017  
21 (Public Law 114–328), is further amended by striking “sub-  
22 section (c)(3)(A)” and inserting “subsection (c)(2)(A)”.

23 **SEC. 816. NON-TRADITIONAL CONTRACTOR DEFINITION.**

24 Section 2302(9) of title 10, United States Code, is  
25 amended by striking “means an entity that is not currently  
26 performing” and inserting “means a specific business unit

1 *or function with a unique entity identifier that is not cur-*  
2 *rently performing”.*

3 **SEC. 817. REPEAL OF DOMESTIC SOURCE RESTRICTION RE-**  
4 **LATED TO WEARABLE ELECTRONICS.**

5 *Section 2533a(b)(2) of title 10, United States Code, is*  
6 *amended by inserting “(excluding wearable electronics)”*  
7 *after “Hand or measuring tools”.*

8 **SEC. 818. USE OF OUTCOME-BASED AND PERFORMANCE-**  
9 **BASED REQUIREMENTS FOR SERVICES CON-**  
10 **TRACTS.**

11 *(a) JUSTIFICATION REQUIREMENT FOR USE OF PER-*  
12 *SONNEL AND LABOR HOUR REQUIREMENTS.—The Depart-*  
13 *ment of Defense may not enter into a contract for the pro-*  
14 *curement of services valued in excess of \$10,000,000 based*  
15 *on specific descriptive personnel and labor hour require-*  
16 *ments unless the program manager and contracting officer*  
17 *first submit to the Under Secretary of Defense for Acquisi-*  
18 *tion and Sustainment a written justification including the*  
19 *reasons for basing the contract on those requirements in-*  
20 *stead of outcome- or performance-based requirements.*

21 *(b) COMPTROLLER GENERAL REPORT.—Not later than*  
22 *two years after the date of the enactment of this Act, the*  
23 *Comptroller General of the United States shall submit to*  
24 *the congressional defense committees a report on justifica-*  
25 *tions submitted pursuant to subsection (a). The report shall*

1 *review the adequacy of the justifications and identify any*  
2 *reoccurring obstacles to the use of outcome- and perform-*  
3 *ance-based requirements instead of specified personnel and*  
4 *labor hour requirements for purposes of awarding services*  
5 *contracts.*

6 (c) *SUNSET.*—*The requirements under this section*  
7 *shall terminate at the close of September 30, 2022.*

8 **SEC. 819. PILOT PROGRAM FOR LONGER TERM MULTIYEAR**  
9 **SERVICE CONTRACTS.**

10 (a) *IN GENERAL.*—*The Secretary of Defense may use*  
11 *the authority under subsection (a) of section 2306c of title*  
12 *10, United States Code, to enter into up to five contracts*  
13 *for periods of not more than 10 years for services described*  
14 *in subsection (b) of such section. Each contract entered into*  
15 *pursuant to this subsection may be extended for up to five*  
16 *additional one-year terms.*

17 (b) *STUDY.*—

18 (1) *IN GENERAL.*—*Not later than 90 days after*  
19 *the date of enactment of this Act, the Secretary of De-*  
20 *fense shall enter into an agreement with an inde-*  
21 *pendent organization with relevant expertise to study*  
22 *best practices and lessons learned from using services*  
23 *contracts for periods longer than five years by com-*  
24 *mercial companies, foreign governments, and State*  
25 *governments, as well as service contracts for periods*

1 longer than five years used by the Federal Govern-  
2 ment, such as Energy Savings Performance Con-  
3 tracts.

4 (2) *REPORT.*—Not later than one year after the  
5 date of the enactment of this Act, the Secretary of De-  
6 fense shall submit to the congressional defense com-  
7 mittees a report on the study conducted under para-  
8 graph (1).

9 (c) *COMPTROLLER GENERAL REPORT.*—Not later than  
10 two years after the date of the enactment of this Act, the  
11 Comptroller General of the United States shall submit to  
12 the congressional defense committees a report on the pilot  
13 program carried out under this section.

14 **SEC. 820. IDENTIFICATION OF COMMERCIAL SERVICES.**

15 Section 876 of the National Defense Authorization Act  
16 for Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2311)  
17 is amended—

18 (1) by striking “Not later than” and inserting  
19 “(a) *IN GENERAL.*—Not later than”; and

20 (2) by adding at the end the following new sub-  
21 section:

22 “(b) *IDENTIFICATION OF INDUSTRY SUBCAT-*  
23 *EGORIES.*—In preparing the guidance required under sub-  
24 section (a), the Secretary shall identify those industry sub-  
25 categories in facilities-related services, knowledge-based

1 *services (except engineering services), construction services,*  
2 *medical services, or transportation services in which there*  
3 *are significant numbers of commercial services providers*  
4 *able to meet the requirements of the Department of De-*  
5 *fense.”.*

6 **SEC. 821. GOVERNMENT ACCOUNTABILITY OFFICE BID PRO-**  
7 **TEST REFORMS.**

8 *(a) IN GENERAL.—Chapter 137 of title 10, United*  
9 *States Code, as amended by section 812, is further amended*  
10 *by adding at the end the following new section:*

11 **“§ 2340. Government Accountability Office bid protests**

12 *“(a) PAYMENT OF COSTS FOR DENIED PROTESTS.—*

13 *“(1) IN GENERAL.—A contractor who files a pro-*  
14 *test described under paragraph (2) with the Govern-*  
15 *ment Accountability Office on a contract with the De-*  
16 *partment of Defense shall pay to the Department of*  
17 *Defense costs incurred for processing a protest at the*  
18 *Government Accountability Office and the Depart-*  
19 *ment of Defense.*

20 *“(2) COVERED PROTESTS.—A protest described*  
21 *under this paragraph is a protest—*

22 *“(A) all of the elements of which are denied*  
23 *in an opinion issued by the Government Ac-*  
24 *countability Office; and*

1           “(B) filed by a party with revenues in ex-  
2           cess of \$100,000,000 during the previous year.

3           “(b) *WITHHOLDING OF PAYMENTS ABOVE INCURRED*  
4 *COSTS OF INCUMBENT CONTRACTORS.*—

5           “(1) *IN GENERAL.*—Contractors who file a pro-  
6           test on a contract on which they are the incumbent  
7           contractor shall have all payments above incurred  
8           costs withheld on any bridge contracts or temporary  
9           contract extensions awarded to the contractor as a re-  
10          sult of a delay in award resulting from the filing of  
11          such protest.

12          “(2) *DISPOSITION OF WITHHELD PAYMENTS*  
13 *ABOVE INCURRED COSTS.*—

14          “(A) *RELEASE TO INCUMBENT CON-*  
15 *TRACTOR.*—All payments above incurred costs of  
16          a protesting incumbent contractor withheld pur-  
17          suant to paragraph (1) shall be released to the  
18          protesting incumbent contractor if—

19                  “(i) the solicitation that is the subject  
20                  of the protest is cancelled and no subsequent  
21                  request for proposal is released or planned  
22                  for release; or

23                  “(ii) if the Government Accountability  
24                  Office issues an opinion that upholds any of  
25                  the protest grounds filed under the protest.

1           “(B) *RELEASE TO AWARDEE.*—*Except for*  
2           *the exceptions set forth in subparagraph (A), all*  
3           *payments above incurred costs of a protesting in-*  
4           *cident contractor withheld pursuant to para-*  
5           *graph (1) shall be released to the contractor that*  
6           *was awarded the protested contract prior to the*  
7           *protest.*

8           “(C) *RELEASE TO DEPARTMENT OF DE-*  
9           *FENSE IN EVENT OF NO CONTRACT AWARD.*—*Ex-*  
10           *cept for the exceptions set forth in subparagraph*  
11           *(A), if a protested contract for which payments*  
12           *above incurred costs are withheld under para-*  
13           *graph (1) is not awarded to a contractor, the*  
14           *withheld payments shall be released to the De-*  
15           *partment of Defense and deposited into an ac-*  
16           *count that can be used by the Department to off-*  
17           *set costs associated with Government Account-*  
18           *ability Office bid protests.”.*

19           (b) *CLERICAL AMENDMENT.*—*The table of sections for*  
20           *such chapter, as amended by section 812(a)(2) of this Act,*  
21           *is further amended by inserting after the item relating to*  
22           *section 2339a the following new item:*

          “2340. *Government Accountability Office bid protests.*”.

23   **SEC. 822. ENHANCED POST-AWARD DEBRIEFING RIGHTS.**

24           (a) *RELEASE OF CONTRACT AWARD INFORMATION.*—  
25           *Not later than 120 days after the date of the enactment of*

1 *this Act, the Secretary of Defense shall revise the Depart-*  
2 *ment of Defense Supplement to the Federal Acquisition Reg-*  
3 *ulation to require that all required post-award debriefings*  
4 *must provide detailed and comprehensive statements of the*  
5 *agency's rating for each evaluation criteria and of the agen-*  
6 *cy's overall award decision. With regard to protecting the*  
7 *confidential and proprietary information of other offerors,*  
8 *the revision shall encourage the release to the company of*  
9 *all information that otherwise would be releaseable in the*  
10 *course of a bid protest challenge to an award. At a min-*  
11 *imum, the revisions shall include—*

12           (1) *a requirement for disclosure of the agency's*  
13 *written source selection award determination, re-*  
14 *dated if necessary to protect other offerors' confiden-*  
15 *tial and proprietary information;*

16           (2) *a requirement for a combined written and*  
17 *oral debriefing for all contract awards and task or de-*  
18 *livery orders valued at \$10,000,000 or higher;*

19           (3) *a requirement for an option, at an offerors'*  
20 *election, for access to an unredacted copy of the source*  
21 *selection award determination and the supporting*  
22 *agency record for outside counsel or other appropriate*  
23 *outside representative for all contract awards and*  
24 *task or delivery orders valued at \$10,000,000 or high-*  
25 *er;*

1           (4) provisions ensuring that both losing and  
2           winning offerors are entitled to the applicable en-  
3           hanced post-award debriefing rights; and

4           (5) robust procedures, consistent with section  
5           2305(b)(5)(C) of title 10, United States Code, and sec-  
6           tion 15.506(e) of the Federal Acquisition Regulation,  
7           to protect the confidential and proprietary informa-  
8           tion of other offerors.

9           (b) *OPPORTUNITY FOR FOLLOW-UP QUESTIONS*.—Sec-  
10          tion 2305(b)(5) of title 10, United States Code, is amend-  
11          ed—

12           (1) by redesignating subparagraphs (C), (D),  
13           and (E) as subparagraphs (D), (E), and (F), respec-  
14           tively;

15           (2) in subparagraph (B)—

16                   (A) in clause (v), by striking “; and” and  
17                   inserting a semicolon;

18                   (B) in clause (vi), by striking the period at  
19                   the end and inserting “; and”; and

20                   (C) by adding at the end the following new  
21                   clause:

22                           “(vii) an opportunity for a disappointed of-  
23                           feror to submit within two business days of re-  
24                           ceiving a post-award debriefing additional, fol-  
25                           low-up questions related to the debriefing.”; and

1           (3) by inserting after subparagraph (B) the fol-  
2           lowing new subparagraph:

3           “(C) *The agency shall respond in writing to ad-*  
4           *ditional, follow-up questions submitted under sub-*  
5           *paragraph (B) within five business days. The debrief-*  
6           *ing will not be considered concluded until the agency*  
7           *delivers its written responses to the disappointed of-*  
8           *feror.”.*

9           (c) *COMMENCEMENT OF POST-BRIEFING PERIOD.*—  
10          Section 3553(d)(4) of title 31, United States Code, is  
11          amended—

12           (1) by redesignating subparagraphs (A) and (B)  
13          as clauses (i) and (ii) respectively;

14           (2) by striking “The period” and inserting “(A)  
15          The period”; and

16           (3) by adding at the end the following new sub-  
17          paragraph:

18           “(B) *For procurements conducted by any compo-*  
19          *nent of the Department of Defense, the five-day post-*  
20          *debriefing period does not commence until the day the*  
21          *Government delivers to a disappointed offeror the*  
22          *written responses to any questions submitted pursu-*  
23          *ant to section 2305(5)(B)(vii) of title 10.”.*

24           (d) *DECISIONS ON PROTESTS.*—Section 3554(a)(1) of  
25          title 31, United States Code, is amended by striking the

1 *period at the end and inserting the following: “for all pro-*  
2 *tests arising from agencies outside the Department of De-*  
3 *fense and within 65 days after the date the protest is sub-*  
4 *mitted to the Comptroller General for all protests arising*  
5 *from the Department of Defense and its subordinate agen-*  
6 *cies. In protests arising from the Department of Defense*  
7 *and its subordinate agencies which present unusually com-*  
8 *plex issues or large agency records, the Comptroller General*  
9 *may extend the time for decision but in no event later than*  
10 *100 days after the protest is submitted.”.*

11 **SEC. 823. LIMITATION ON UNILATERAL DEFINITIZATION.**

12 (a) *LIMITATION.*—Section 2326 of title 10, United  
13 States Code, is amended—

14 (1) *by redesignating subsections (c), (d), (e), (f),*  
15 *(g), (h), and (i) as subsections (d), (e), (f), (g), (h),*  
16 *(i), and (j) respectively; and*

17 (2) *by inserting after subsection (b) the following*  
18 *new subsection:*

19 “(c) *LIMITATION ON UNILATERAL DEFINITIZATION BY*  
20 *THE CONTRACTING OFFICER.*—*The following limitation ap-*  
21 *plies to all undefinitized contractual actions with a not to*  
22 *exceed value of \$50,000,000 or greater:*

23 “(1) *If agreement is not reached on contractual*  
24 *terms, specifications, and price by a date certain, as*  
25 *required under subsection (b)(1), the contracting offi-*

1        *cer may not unilaterally definitize those terms, speci-*  
2        *fications and price over the objection of the contractor*  
3        *until—*

4                *“(A) the head of the agency approves the*  
5        *definitization in writing;*

6                *“(B) the contracting officer provides the*  
7        *written approval to the contractor; and*

8                *“(C) the head of the agency notifies the con-*  
9        *gressional defense committees of the approval.*

10                *“(2) The contract modification unilaterally de-*  
11        *finetizing the action shall not take effect until 60 cal-*  
12        *endar days after the congressional defense committees*  
13        *have been notified under subparagraph (C) of such*  
14        *paragraph.”.*

15        *(b) CONFORMING REGULATIONS.—Not later than 120*  
16        *days after the date of the enactment of this Act, the Sec-*  
17        *retary of Defense shall revise the Department of Defense*  
18        *Supplement to the Federal Acquisition Regulations to con-*  
19        *form with the amendments made by subsection (a).*

1 **SEC. 824. RESTRICTION ON USE OF REVERSE AUCTIONS**  
2 **AND LOWEST PRICE TECHNICALLY ACCEPT-**  
3 **ABLE CONTRACTING METHODS FOR SAFETY**  
4 **EQUIPMENT.**

5 (a) *IN GENERAL.*—Section 814 of the National Defense  
6 Authorization Act for Fiscal Year 2017 (Public Law 114–  
7 328) is amended—

8 (1) in the section heading, by inserting “**AND**  
9 **SAFETY EQUIPMENT**” after “**PERSONAL PROTEC-**  
10 **TIVE EQUIPMENT**”; and

11 (2) by inserting “and safety equipment” after  
12 “personal protective equipment”.

13 (b) *CONFORMING AMENDMENTS.*—The tables of sec-  
14 tions in section 2(b) of such Act and at the beginning of  
15 title VIII of such Act are amended in the item relating to  
16 section 814 by inserting “and safety equipment” after “per-  
17 sonal protective equipment”.

18 **SEC. 825. USE OF LOWEST PRICE TECHNICALLY ACCEPT-**  
19 **ABLE SOURCE SELECTION PROCESS.**

20 (a) *ADDITIONAL REQUIREMENTS.*—Subsection (b) of  
21 section 813 of the National Defense Authorization Act for  
22 Fiscal Year 2017 (Public Law 114–328) is amended—

23 (1) in paragraph (5), by striking “; and” and  
24 inserting a semicolon;

25 (2) in paragraph (6), by striking the period at  
26 the end and inserting a semicolon; and

1           (3) *by adding at the end the following new para-*  
2 *graphs:*

3           “(7) *the Department of Defense would not realize*  
4 *any additional innovation or future technological ad-*  
5 *vantage by using a different methodology; and*

6           “(8) *the items procured are predominantly ex-*  
7 *pendable in nature, non-technical, or a short life ex-*  
8 *pectancy or short shelf life.”.*

9           (b) **REPORTING REQUIREMENT.**—*Subsection (d) of*  
10 *such section is amended by striking “contract exceeding*  
11 *\$10,000,000” and inserting “contract exceeding*  
12 *\$5,000,000”.*

13 **SEC. 826. MIDDLE TIER OF ACQUISITION FOR RAPID PROTO-**  
14 **TYPE AND RAPID FIELDING.**

15           (a) **ELIMINATION OF COST-SHARING REQUIREMENT.**—  
16 *Section 804(c)(2) of the National Defense Authorization Act*  
17 *for Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2302*  
18 *note) is amended—*

19           (1) *by striking subparagraph (C); and*

20           (2) *by redesignating subparagraphs (D) and (E)*  
21 *as subparagraphs (C) and (D), respectively.*

22           (b) **USE OF SIMPLIFIED PROCEDURES.**—*Not later*  
23 *than 180 days after the date of the enactment of this Act,*  
24 *the Defense Acquisition Regulation Supplement shall be*  
25 *amended to provide for special simplified procedures for*

1 *purchases of property and services under the rapid proto-*  
2 *typing and rapid fielding programs established under sec-*  
3 *tion 804 of the National Defense Authorization Act for Fis-*  
4 *cal Year 2016 (Public Law 114–92; 10 U.S.C. 2302 note).*

5 **SEC. 827. ELIMINATION OF COST UNDERRUNS AS FACTOR**  
6 **IN CALCULATION OF PENALTIES FOR COST**  
7 **OVERRUNS.**

8 *(a) IN GENERAL.—Section 828 of the National Defense*  
9 *Authorization Act for Fiscal Year 2016 (Public Law 114–*  
10 *92; 10 U.S.C. 2430 note) is amended—*

11 *(1) in subsection (a), by striking “fiscal year*  
12 *2015” and inserting “fiscal years 2018, 2019, 2020,*  
13 *2021, and 2022”;*

14 *(2) in subsection (b)—*

15 *(A) in paragraph (1), by striking “or*  
16 *underrun”;*

17 *(B) in paragraph (2), by striking “or*  
18 *underruns”;*

19 *(C) in paragraph (3)—*

20 *(i) by striking “and cost underruns”;*

21 *and*

22 *(ii) by striking “or underruns”; and*

23 *(D) in paragraph (4), by striking “, except*  
24 *that the cost overrun penalty may not be a nega-*  
25 *tive amount”; and*

1           (3) *in subsection (c), by striking “each fiscal*  
2           *year beginning with fiscal year 2015” and inserting*  
3           *“fiscal years 2018, 2019, 2020, 2021, and 2022”.*

4           (b) *PRIOR FISCAL YEARS.—The requirements of sec-*  
5           *tion 828 of the National Defense Authorization Act for Fis-*  
6           *cal Year 2016 (Public Law 114–92; 10 U.S.C. 2430 note),*  
7           *as in effect on the day before the date of the enactment of*  
8           *this Act, shall continue to apply with respect to fiscal years*  
9           *beginning on or before October 1, 2016.*

10   **SEC. 828. CONTRACT CLOSEOUT AUTHORITY.**

11           *Section 836(b)(1) of the National Defense Authoriza-*  
12           *tion Act for Fiscal Year 2017 (Public Law 114–328; 130*  
13           *Stat. 2286) is amended by striking “entered into prior to*  
14           *fiscal year 2000” and inserting “entered into at least 17*  
15           *years before the current fiscal year”.*

16   **SEC. 829. SERVICE CONTRACTS OF THE DEPARTMENT OF**  
17           **DEFENSE.**

18           (a) *INCLUSION OF CERTAIN INFORMATION IN FUTURE-*  
19           *YEARS DEFENSE PROGRAM.—Each future-years defense*  
20           *program submitted to Congress pursuant to section 221of*  
21           *title 10, United States Code, for a fiscal year after fiscal*  
22           *year 2018 shall include an estimate of the cost and number*  
23           *of service contracts of the Department of Defense for each*  
24           *fiscal year covered by the future-years defense program. The*  
25           *estimate shall be set forth for the Department of Defense*

1 *as a whole and separately for each department, agency, or-*  
 2 *ganization, and element of the Department anticipated to*  
 3 *use service contracts during the fiscal years covered by the*  
 4 *future-years defense program concerned.*

5       **(b) REQUIREMENT FOR CERTIFICATION AND BRIEF-**  
 6 *ING.—No study or competition regarding a public-private*  
 7 *competition for the conversion to performance by a con-*  
 8 *tractor for any function performed by Department of De-*  
 9 *fense civilian employees may be begun or announced pursu-*  
 10 *ant to section 2461 of title 10, United States Code, or other-*  
 11 *wise pursuant to Office of Management and Budget Cir-*  
 12 *cular A-76, until such time as—*

13           *(1) the future-years defense program submitted*  
 14 *to Congress includes the information described in sub-*  
 15 *section (a); or*

16           *(2) the Secretary of Defense certifies that the De-*  
 17 *partment has a plan to provide such information by*  
 18 *the next fiscal year.*

19 **SEC. 830. DEPARTMENT OF DEFENSE CONTRACTOR WORK-**  
 20 **PLACE SAFETY AND ACCOUNTABILITY.**

21       **(a) IDENTIFICATION OF KNOWN WORKPLACE SAFETY**  
 22 **AND HEALTH VIOLATIONS.—**

23           **(1) IN GENERAL.—***A contracting officer, prior to*  
 24 *awarding or renewing a covered contract, shall, as*  
 25 *part of the responsibility determination, consider any*

1 *identified violations of the Occupational Safety and*  
2 *Health Act of 1970 (29 U.S.C. 651 et seq.) or equiva-*  
3 *lent State laws by the offeror, and by any covered*  
4 *subcontractors.*

5 (2) *RESPONSIBILITY DETERMINATION.*—*The con-*  
6 *tracting officer shall consider violations described in*  
7 *paragraph (1) in determining whether the offeror is*  
8 *a responsible source with a satisfactory record of per-*  
9 *formance that meets mission and ethical standards.*

10 (3) *REFERRAL OF INFORMATION TO SUSPENSION*  
11 *AND DEBARMENT OFFICIALS.*—*As appropriate, a con-*  
12 *tracting officer shall refer matters related to viola-*  
13 *tions described in paragraph (1) to the Department*  
14 *of Defense’s suspension and debarment official in ac-*  
15 *cordance with Department procedures.*

16 (b) *CONTRACTOR RIGHTS.*—*The Secretary of Defense*  
17 *shall establish policies and practices—*

18 (1) *ensuring that when making responsibility de-*  
19 *terminations, contracting officers request that con-*  
20 *tractors provide any and all information the contrac-*  
21 *tors deem necessary to demonstrate responsibility*  
22 *prior to final determinations;*

23 (2) *establishing mechanisms for contractors to*  
24 *have an expedited process to review any information*

1       *used to support determinations of non-responsibility;*  
2       *and*

3             (3) *establishing mechanisms for contractors to*  
4       *have an expedited process to appeal determinations of*  
5       *non-responsibility.*

6       (c) *PROTEST RIGHTS.—The Secretary of Defense shall*  
7       *protect the rights of contractors to protest bids and appeal*  
8       *actions taken pursuant to this section.*

9       (d) *TRAINING AND GUIDANCE.—The Secretary of De-*  
10       *fense shall develop and provide clear training and guidance*  
11       *to acquisition officials, contracting officers, and current*  
12       *and potential contractors regarding implementation poli-*  
13       *cies and practices for this section.*

14       (e) *COMPTROLLER GENERAL REPORT.—*

15             (1) *IN GENERAL.—Not later than 180 days after*  
16       *the date of the enactment of this Act, the Comptroller*  
17       *General of the United States shall submit to the De-*  
18       *partment of Defense and the congressional defense*  
19       *committees a report on the health and safety records*  
20       *of Department of Defense contractors.*

21             (2) *ELEMENTS.—The report required under*  
22       *paragraph (1) shall include the following elements:*

23                     (A) *A description of the Department of De-*  
24       *fense's existing procedures to evaluate the safety*

1           *and health records of current and prospective*  
2           *contractors.*

3           *(B) An evaluation of the Department's ad-*  
4           *herence to those procedures.*

5           *(C) An assessment of the current incidence*  
6           *of health and safety violations by Department*  
7           *contractors.*

8           *(D) An assessment of whether the Depart-*  
9           *ment of Labor has the resources to investigate*  
10          *and identify safety and health violations by De-*  
11          *partment of Defense contractors.*

12          *(E) An assessment of whether the Depart-*  
13          *ment of Labor should consider assuming an ex-*  
14          *panded investigatory role or a targeted enforce-*  
15          *ment program for ensuring the safety and health*  
16          *of workers under Department of Defense con-*  
17          *tracts.*

18          *(f) DEFINITIONS.—In this section:*

19            *(1) COVERED CONTRACT.—The term “covered*  
20            *contract” means a Department of Defense contract for*  
21            *the procurement of property or services, including*  
22            *construction, valued in excess of \$1,000,000.*

23            *(2) COVERED SUBCONTRACTOR.—The term “cov-*  
24            *ered subcontractor” means a subcontractor listed in*  
25            *the bid for a covered contract or known by the De-*

1        *partment of Defense to be a subcontractor of the offer-*  
2        *or.*

3        **SEC. 831. DEPARTMENT OF DEFENSE PROMOTION OF CON-**  
4        **TRACTOR COMPLIANCE WITH EXISTING LAW.**

5        *It is the sense of Congress that—*

6                *(1) the Department of Defense should aim to en-*  
7        *sure that parties contracting with the Federal Gov-*  
8        *ernment abide by existing law, including worker pro-*  
9        *tection laws;*

10               *(2) worker protection laws, including chapter 43*  
11        *of title 38, United States Code (commonly known as*  
12        *the “Uniformed Services Employment and Reemploy-*  
13        *ment Rights Act of 1994” or “USERRA”) and the*  
14        *Americans with Disabilities Act of 1990 (42 U.S.C.*  
15        *12101 et seq.), were enacted to ensure equitable work-*  
16        *place practices;*

17               *(3) identifying and helping to improve the com-*  
18        *pliance of contractors with worker protection viola-*  
19        *tions will help avoid setbacks and delays stemming*  
20        *from contracting with noncompliant contractors; and*

21               *(4) the Secretary of Defense has the authority to*  
22        *ensure contractors’ compliance with existing laws and*  
23        *should establish a goal to work with responsible con-*  
24        *tractors who are in compliance with worker protec-*  
25        *tion laws.*

1 ***Subtitle C—Provisions Relating to***  
2 ***Major Defense Acquisition Pro-***  
3 ***grams***

4 ***SEC. 835. REVISIONS TO DEFINITION OF MAJOR DEFENSE***  
5 ***ACQUISITION PROGRAM.***

6 *Section 2430(a) of title 10, United States Code, is*  
7 *amended—*

8 *(1) in paragraph (1)(B), by inserting “in the*  
9 *case of a program that is not a program for the ac-*  
10 *quisition of an automated information system (either*  
11 *a product or a service),” after “(B)”;* and

12 *(2) in paragraph (2)—*

13 *(A) by striking “does not include an acqui-*  
14 *sition program” and inserting the following:*

15 *“does not include—*

16 *“(A) an acquisition program”;* and

17 *(B) by striking the period at the end and*  
18 *inserting the following: “; or*

19 *“(B) an acquisition program for a defense busi-*  
20 *ness system (as defined in section 2222(i)(1) of this*  
21 *title) carried out using the acquisition guidance*  
22 *issued pursuant to section 883(e) of the National De-*  
23 *fense Authorization Act for Fiscal Year 2016 (Public*  
24 *Law 114–92; 10 U.S.C. 2223a note).”*

1 **SEC. 836. PROHIBITION ON USE OF LOWEST PRICE TECH-**  
2 **NICALLY ACCEPTABLE SOURCE SELECTION**  
3 **PROCESS FOR MAJOR DEFENSE ACQUISITION**  
4 **PROGRAMS.**

5 (a) *PROHIBITION.*—

6 (1) *IN GENERAL.*—Chapter 144 of title 10,  
7 *United States Code*, is amended by inserting after sec-  
8 *tion 2441* the following new section:

9 **“§2442. Prohibition on use of lowest price technically**  
10 **acceptable source selection process**

11 “(a) *IN GENERAL.*—The Department of Defense shall  
12 not use a lowest price technically acceptable source selection  
13 process for the development contract of a major defense ac-  
14 quisition program.

15 “(b) *NOTIFICATION.*—(1) The Secretary of Defense  
16 shall submit to the congressional defense committees a noti-  
17 fication of the source selection process that the Department  
18 of Defense plans to use for the development contract of a  
19 major defense acquisition program.

20 “(2) The notification required under paragraph (1)  
21 shall be submitted at the same time that the President sub-  
22 mits under section 1105 of title 31 the budget in which  
23 budget authority is requested for the development contract  
24 of a major defense acquisition program. If the Department  
25 of Defense has not yet determined the source selection proc-  
26 ess for the development contract at the time that budget au-

1 *thority for the development contract is requested, the De-*  
 2 *partment of Defense shall submit the notification not later*  
 3 *than 30 days before release of the request for proposals for*  
 4 *the development contract.*

5 “(c) *DEFINITIONS.—In this section:*

6 “(1) *LOWEST PRICE TECHNICALLY ACCEPTABLE*  
 7 *SOURCE SELECTION PROCESS.—The term ‘lowest price*  
 8 *technically acceptable source selection process’ has the*  
 9 *meaning given that term in part 15 of the Federal*  
 10 *Acquisition Regulation.*

11 “(2) *MAJOR DEFENSE ACQUISITION PROGRAM.—*  
 12 *The term ‘major defense acquisition program’ has the*  
 13 *meaning given that term in section 2430 of this title.*

14 “(3) *DEVELOPMENT CONTRACT.—The term ‘de-*  
 15 *velopment contract’ means a prime contract for the*  
 16 *development of a major defense acquisition pro-*  
 17 *gram.’.*

18 (2) *CLERICAL AMENDMENT.—The table of sec-*  
 19 *tions at the beginning of such chapter is amended by*  
 20 *inserting after the item relating to section 2441 the*  
 21 *following new item:*

“2442. *Prohibition on use of lowest price technically acceptable source selection process.’.*”

22 (b) *APPLICABILITY.—The requirements of section 2442*  
 23 *of title 10, United States Code, as added by subsection (a),*  
 24 *shall apply to major defense acquisition programs for which*

1 *budgetary authority is requested for fiscal year 2019 or a*  
2 *subsequent fiscal year.*

3 **SEC. 837. ROLE OF THE CHIEF OF THE ARMED FORCE IN**  
4 **MATERIAL DEVELOPMENT DECISION AND AC-**  
5 **QUISITION SYSTEM MILESTONES.**

6 *Section 2547(b) of title 10, United States Code, is*  
7 *amended—*

8 *(1) by striking “The Secretary” and inserting*  
9 *“(1) The Secretary”; and*

10 *(2) by adding at the end the following new para-*  
11 *graph:*

12 *“(2) Consistent with the performance of duties under*  
13 *subsection (a), the Chief of the armed force concerned, with*  
14 *respect to major defense acquisition programs, shall—*

15 *“(A) concur with the need for a material solu-*  
16 *tion as identified in the Material Development Deci-*  
17 *sion Review prior to entry into the Material Solution*  
18 *Analysis Phase under Department of Defense Instruc-*  
19 *tion 5000.02;*

20 *“(B) concur with the cost, schedule, technical fea-*  
21 *sibility, and performance trade-offs that have been*  
22 *made with regard to the program before Milestone A*  
23 *approval is granted under section 2366a of this title;*

24 *“(C) concur that appropriate trade-offs among*  
25 *cost, schedule, technical feasibility, and performance*

1       *objectives have been made to ensure that the program*  
2       *is affordable when considering the per unit cost and*  
3       *the total life-cycle cost before Milestone B approval is*  
4       *granted under section 2366b of this title; and*

5               *“(D) concur that the requirements in the pro-*  
6       *gram capability document are necessary and realistic*  
7       *in relation to program cost and fielding targets as re-*  
8       *quired by paragraph (1) before Milestone C approval*  
9       *is granted.”.*

10       ***Subtitle D—Provisions Related to***  
11               ***Acquisition Workforce***

12       ***SEC. 841. TRAINING IN COMMERCIAL ITEMS PROCURE-***  
13               ***MENT.***

14       *(a) TRAINING.—Not later than one year after the date*  
15       *of the enactment of this Act, the President of the Defense*  
16       *Acquisition University shall establish a comprehensive*  
17       *training program on part 12 of the Federal Acquisition*  
18       *Regulation. The training shall cover, at a minimum, the*  
19       *following topics:*

20               *(1) The origin of part 12 and the congressional*  
21       *mandate to prefer commercial procurements.*

22               *(2) The definition of a commercial item, with a*  
23       *particular focus on the “of a type” concept.*

24               *(3) Price analysis and negotiations.*

25               *(4) Market research and analysis.*

1           (5) *Independent cost estimates.*

2           (6) *Parametric estimating methods.*

3           (7) *Value analysis.*

4           (8) *Best practices in pricing from commercial*  
5 *sector organizations, foreign government organiza-*  
6 *tions, and other Federal, state, and local public sec-*  
7 *tors organizations.*

8           (9) *Other topics on commercial procurements*  
9 *necessary to ensure a well-educated acquisition work-*  
10 *force.*

11       (b) *ENROLLMENTS GOALS.*—*The President of the De-*  
12 *fense Acquisition University shall set goals for student en-*  
13 *rollment for the comprehensive training program estab-*  
14 *lished under subsection (a).*

15       (c) *SUPPORTING ACTIVITIES.*—*The Secretary of De-*  
16 *fense shall establish, in support of the achievement of the*  
17 *goals of this section—*

18           (1) *a university research program to engage aca-*  
19 *demie experts on research topics of interest to improve*  
20 *commercial item identification and pricing meth-*  
21 *odologies; and*

22           (2) *a set of exchange and interface opportunities*  
23 *between government personnel experts to increase*  
24 *awareness of best practices and challenges in commer-*  
25 *cial item identification and pricing.*

1       (d) *FUNDING.*—*The Secretary of Defense shall use*  
2 *amounts available in the Department of Defense Acquisi-*  
3 *tion Workforce Development Fund established under section*  
4 *1705 of title 10, United States Code, to fund the comprehen-*  
5 *sive training program established under subsection (a).*

6 **SEC. 842. MODIFICATION OF DEFINITION OF ACQUISITION**  
7 **WORKFORCE TO INCLUDE PERSONNEL EN-**  
8 **GAGED IN THE ACQUISITION OR DEVELOP-**  
9 **MENT OF CYBERSECURITY SYSTEMS.**

10       Section 1705(h)(2)(A) of title 10, United States Code,  
11 *is amended—*

- 12           (1) *by inserting “(i)” after “(A)”;*  
13           (2) *by striking “; and” and inserting “; or”; and*  
14           (3) *by adding at the end the following new*  
15 *clause:*

16                   *“(i) are engaged in the acquisition or de-*  
17                   *velopment of systems relating to cybersecurity;*  
18                   *and”.*

19 **SEC. 843. TRAINING AND SUPPORT FOR PROGRAMS PUR-**  
20 **SUING AGILE ACQUISITION METHODS.**

21       (a) *IN GENERAL.*—*Not later than 120 days after the*  
22 *date of the enactment of this Act, the Secretary of Defense,*  
23 *in consultation with the President of the Defense Acquisi-*  
24 *tion University, shall establish an in-resident targeted*

1 *training course at the Defense Acquisition University on*  
2 *Agile Acquisition.*

3 (b) *COURSE COMPONENTS.*—*The course shall include*  
4 *the following elements:*

5 (1) *Training designed to instill a common un-*  
6 *derstanding of all functional roles and dependencies*  
7 *involved in developing and producing a capability*  
8 *using Agile processes.*

9 (2) *An exercise involving teams composed of per-*  
10 *sonnel from pertinent functions and functional orga-*  
11 *nizations engaged in developing an integrated Agile*  
12 *Acquisition approach for a specific program.*

13 (c) *COURSE ATTENDANCE.*—*The course shall be—*

14 (1) *available for certified acquisition personnel*  
15 *from all program offices using Agile Acquisition*  
16 *methods; and*

17 (2) *mandatory for personnel from other relevant*  
18 *organizations in each of the military services and De-*  
19 *fense Agencies, including organizations responsible for*  
20 *engineering, budgeting, contracting, test and evalua-*  
21 *tion, requirements validation, and certification and*  
22 *accreditation, that support those program offices.*

23 (d) *AGILE ACQUISITION COACH.*—

24 (1) *IN GENERAL.*—*The Secretary and the senior*  
25 *acquisition executives in each of the military services*

1        *and Defense Agencies, in coordination with the Direc-*  
2        *tor of the Defense Digital Service, shall ensure that*  
3        *program offices pursuing Agile Acquisition methods*  
4        *have access to an Agile Acquisition coach.*

5            (2) *EXPERTISE.—The Agile Acquisition coach*  
6        *shall possess expertise in—*

7            (A) *commercial Agile Acquisition methods;*  
8        *and*

9            (B) *the acquisition system and processes of*  
10        *the Department of Defense.*

11          (3) *DUTIES.—The Agile Acquisition coach*  
12        *shall—*

13            (A) *assist program offices, supporting stake-*  
14        *holder organizations, and personnel in properly*  
15        *applying Agile Acquisition methods; and*

16            (B) *notify the appropriate acquisition au-*  
17        *thorities if programs are deviating from best*  
18        *practices or are not receiving appropriate sup-*  
19        *port from stakeholder organizations, in a man-*  
20        *ner or to a degree that threatens the success of*  
21        *the program.*

22          (e) *AGILE ACQUISITION RESEARCH PROGRAM.—The*  
23        *President of the Defense Acquisition University shall estab-*  
24        *lish a research program to conduct research on and develop-*

1 *ment of Agile Acquisition practices and tools best tailored*  
2 *to meet the mission needs of the Department of Defense.*

3 (f) *DEFINITIONS.—In this section the term “Agile Ac-*  
4 *quisition”—*

5 (1) *means acquisition pursuant to a methodology*  
6 *for delivering multiple, rapid, incremental capabili-*  
7 *ties to the user for operational use, evaluation, and*  
8 *feedback; and*

9 (2) *involves—*

10 (A) *the incremental development and field-*  
11 *ing of capabilities, commonly called “spirals”,*  
12 *“spins”, or “sprints”, which can be measured in*  
13 *a few weeks or months; and*

14 (B) *continuous participation and collabora-*  
15 *tion by users, testers, and requirements authori-*  
16 *ties.*

17 **SEC. 844. CREDITS TO DEPARTMENT OF DEFENSE ACQUI-**  
18 **SION WORKFORCE DEVELOPMENT FUND.**

19 *Section 1705(d)(2)(D) of title 10, United States Code,*  
20 *is amended to read as follows:*

21 (D) *The Secretary of Defense may adjust the*  
22 *amount specified in subparagraph (C) for a fiscal*  
23 *year if the Secretary determines that the amount is*  
24 *greater or less than reasonably needed for purposes of*  
25 *the Fund for such fiscal year. The Secretary may not*

1        *adjust the amount for a fiscal year to an amount that*  
2        *is more than \$600,000,000 or less than*  
3        *\$400,000,000.”.*

4        ***Subtitle E—Provisions Related to***  
5        ***Commercial Items***

6        ***SEC. 851. MODIFICATION TO DEFINITION OF COMMERCIAL***  
7        ***ITEMS.***

8        *Section 2376 of title 10, United States Code, is amend-*  
9        *ed—*

10            *(1) in paragraph (1), by striking “‘commercial*  
11            *item’”; and*

12            *(2) by adding at the end the following new para-*  
13            *graph:*

14            *“(4) The term ‘commercial item’ has the mean-*  
15            *ing given the term in section 103 of title 41, except*  
16            *that it does not include an item referred to in para-*  
17            *graph (3)(B) of such section if, after the minor modi-*  
18            *fications made to meet Federal Government require-*  
19            *ments referred to in such paragraph, the item in-*  
20            *cludes a preponderance of government-unique func-*  
21            *tions or essential characteristics.”.*

22        ***SEC. 852. REVISION TO DEFINITION OF COMMERCIAL ITEM.***

23        *Section 103(8) of title 41, United States Code, is*  
24        *amended by striking “to multiple State and local govern-*

1 ments” and inserting “to multiple State, local, or foreign  
2 governments”.

3 **SEC. 853. COMMERCIAL ITEM DETERMINATIONS.**

4 Section 2380 of title 10, United States Code, is amend-  
5 ed—

6 (1) by striking “The Secretary” and inserting  
7 “(a) IN GENERAL.—The Secretary”; and

8 (2) by adding at the end the following new sub-  
9 section:

10 “(b) ITEMS PREVIOUSLY ACQUIRED USING COMMER-  
11 CIAL ITEM ACQUISITION PROCEDURES.—

12 “(1) DETERMINATIONS.—A contract or sub-  
13 contract for an item using commercial item acquisi-  
14 tion procedures under part 12 of the Federal Acquisi-  
15 tion Regulation shall serve as a prior commercial  
16 item determination with respect to such item for pur-  
17 poses of this chapter unless the Secretary of Defense  
18 determines in writing that it is no longer cost-effec-  
19 tive to procure the item using commercial item acqui-  
20 sition procedures.

21 “(2) LIMITATION.—(A) Except as provided under  
22 subparagraph (B), funds appropriated or otherwise  
23 made available to the Department of Defense may not  
24 be used for the procurement under part 15 of the Fed-  
25 eral Acquisition Regulation of an item that was pre-

1 *viously acquired using commercial item acquisition*  
2 *procedures under part 12 of the Federal Acquisition*  
3 *Regulation.*

4 “(B) *The limitation under subparagraph (A)*  
5 *does not apply to the procurement of an item that*  
6 *was previously acquired using commercial item ac-*  
7 *quisition procedures under part 12 of the Federal Ac-*  
8 *quisition Regulation following—*

9 “(i) *a written determination by the head of*  
10 *contracting activity pursuant to section*  
11 *2306a(b)(4)(B) of this title that the use of such*  
12 *procedures was improper; or*

13 “(ii) *a written determination by the Sec-*  
14 *retary of Defense that it is no longer cost-effec-*  
15 *tive to procure the item using such procedures.”.*

16 **SEC. 854. PREFERENCE FOR ACQUISITION OF COMMERCIAL**  
17 **ITEMS.**

18 *Section 2377(b) of title 10, United States Code, is*  
19 *amended—*

20 *(1) by redesignating paragraphs (1) through (6)*  
21 *as subparagraphs (A) through (F), respectively, and*  
22 *moving such subparagraphs, as so redesignated, two*  
23 *ems to the right;*

24 *(2) by striking “The head” and inserting “(1)*  
25 *The head”;* and

1           (3) by adding at the end the following new para-  
2       graph:

3           “(2) The preference for the acquisition of commercial  
4 items and nondevelopmental items under this section shall  
5 take priority over any small business set-aside program,  
6 and shall require, to the maximum extent practicable, the  
7 acquisition of commercial items or nondevelopmental items  
8 other than commercial items in accordance with the terms  
9 of this section. If the requirements of an agency with respect  
10 to a procurement of supplies or services can be met with  
11 commercial items or nondevelopmental items other than  
12 commercial items provided by a small business concern, the  
13 small business concern may be awarded the contract in ac-  
14 cordance with the requirements of a set-aside program.”.

15 **SEC. 855. INAPPLICABLE LAWS AND REGULATIONS.**

16       (a) *REVIEW OF DETERMINATIONS NOT TO EXEMPT*  
17 *DEPARTMENT OF DEFENSE CONTRACTS FOR COMMERCIAL*  
18 *ITEMS AND COMMERCIALLY AVAILABLE OFF-THE-SHELF*  
19 *ITEMS FROM CERTAIN LAWS AND REGULATIONS.*—Not  
20 later than 180 days after the date of the enactment of this  
21 Act, the Secretary of Defense shall—

22           (1) review each determination of the Federal Ac-  
23 quisition Regulatory Council pursuant to section  
24 1906(b)(2), section 1906(c)(3), or section 1907(a)(2)  
25 of title 41, United States Code, not to exempt con-

1        *tracts and subcontracts described in subsection (a) of*  
2        *section 2375 of title 10, United States Code, from*  
3        *laws such contracts and subcontracts would otherwise*  
4        *be exempt from under section 1906(d) of title 41,*  
5        *United States Code; and*

6            *(2) revise the Department of Defense Supplement*  
7        *to the Federal Acquisition Regulation to provide an*  
8        *exemption from each law subject to such determina-*  
9        *tion unless the Secretary determines there is a specific*  
10       *reason not to provide the exemption.*

11        *(b) ELIMINATION OF CERTAIN CONTRACT CLAUSE RE-*  
12       *QUIREMENTS APPLICABLE TO COMMERCIAL ITEM CON-*  
13       *TRACTS.—Not later than 180 days after the date of the en-*  
14       *actment of this Act, the Secretary of Defense shall revise*  
15       *the Department of Defense Supplement to the Federal Ac-*  
16       *quisition Regulation to eliminate all regulations promul-*  
17       *gated after the date of the enactment of the Federal Acquisi-*  
18       *tion Streamlining Act of 1994 (Public Law 103–355) that*  
19       *require a specific contract clause for a contract using com-*  
20       *mercial item acquisition procedures under part 12 of the*  
21       *Federal Acquisition Regulation, except for regulations re-*  
22       *quired by law or that the Secretary determines are vital*  
23       *to national security.*

24        *(c) ELIMINATION OF CERTAIN CONTRACT CLAUSE RE-*  
25       *QUIREMENTS APPLICABLE TO COMMERCIALLY AVAILABLE*

1 *OFF-THE-SHELF ITEM SUBCONTRACTS.*—Not later than  
2 180 days after the date of the enactment of this Act, the  
3 Secretary of Defense shall revise the Department of Defense  
4 Supplement to the Federal Acquisition Regulation to elimi-  
5 nate all requirements for a prime contractor to include a  
6 specific contract clause in a subcontract for commercially  
7 available off-the-shelf items unless the inclusion of such  
8 clause is required by law or is necessary for the contractor  
9 to meet the requirements of the prime contract.

## 10 ***Subtitle F—Industrial Base Matters***

### 11 ***SEC. 861. REVIEW REGARDING APPLICABILITY OF FOREIGN*** 12 ***OWNERSHIP, CONTROL, OR INFLUENCE RE-*** 13 ***QUIREMENTS OF NATIONAL SECURITY INDUS-*** 14 ***TRIAL PROGRAM TO NATIONAL TECHNOLOGY*** 15 ***AND INDUSTRIAL BASE COMPANIES.***

16 (a) *REVIEW.*—The Secretary of Defense, with the con-  
17 currence of the Secretary of State, shall review whether com-  
18 panies whose ownership or majority control is based in  
19 countries that are part of the national technology and in-  
20 dustrial base should be exempted from the foreign owner-  
21 ship, control, or influence (FOCI) requirements of the Na-  
22 tional Security Industrial Program.

23 (b) *AUTHORITY.*—

24 (1) *IN GENERAL.*—The Secretary of Defense may  
25 establish a program to carry out the exemption proc-

1        *ess described under subsection (a). Under the pro-*  
2        *gram, the Secretary, with the concurrence of the Sec-*  
3        *retary of State, shall maintain a list of companies*  
4        *owned or controlled by countries that are part of the*  
5        *national technology and industrial base that are eligi-*  
6        *ble for exemption from the requirements described*  
7        *under such subsection.*

8                (2) *DETERMINATIONS OF ELIGIBILITY.*—*The Sec-*  
9        *retary of Defense, with the concurrence of the Sec-*  
10        *retary of State, may designate a company under*  
11        *paragraph (1) as exempt from the requirements de-*  
12        *scribed under subsection (a) upon a determination*  
13        *that such exemption—*

14                (A) *is beneficial to improving collaboration*  
15        *within countries participating in the national*  
16        *technology and industrial base;*

17                (B) *is in the United States national secu-*  
18        *rity interest; and*

19                (C) *will not result in a greater risk of the*  
20        *disclosure of classified or sensitive information*  
21        *consistent with the National Security Industrial*  
22        *Program.*

23                (3) *EXERCISE OF AUTHORITY.*—*The authority*  
24        *under paragraph (1) to exempt a listed company*  
25        *from the requirements described under subsection (a)*

1       *may be exercised beginning on the date that is the*  
2       *later of—*

3               *(A) the date that is 60 days after the Sec-*  
4               *retary of Defense, in consultation with the Sec-*  
5               *retary of State, submits to the congressional de-*  
6               *fense committees a report summarizing the re-*  
7               *view conducted under such subsection; and*

8               *(B) the date that is 30 days after the Sec-*  
9               *retary of Defense, in consultation with the Sec-*  
10              *retary of State, submits to the congressional de-*  
11              *fense committees a written notification of a de-*  
12              *termination under paragraph (2) to exempt the*  
13              *company from such requirements, including a*  
14              *discussion of the issues related to the foreign*  
15              *ownership or control of the company that were*  
16              *considered as part of the determination.*

17       *(c) NATIONAL TECHNOLOGY AND INDUSTRIAL BASE*  
18       *DEFINED.—In this section, the term “national technology*  
19       *and industrial base” has the meaning given the term in*  
20       *section 2500 of title 10, United States Code.*

21       **SEC. 862. PILOT PROGRAM ON STRENGTHENING MANUFAC-**  
22                                **TURING IN DEFENSE INDUSTRIAL BASE.**

23       *(a) PILOT PROGRAM REQUIRED.—The Secretary of*  
24       *Defense shall carry out a pilot program to assess the feasi-*

1 *bility and advisability of increasing the capability of the*  
2 *defense industrial base to support—*

3           (1) *production needs to meet military require-*  
4 *ments; and*

5           (2) *manufacturing and production of emerging*  
6 *defense and commercial technologies of military value.*

7       (b) *AUTHORITIES.—The Secretary shall carry out the*  
8 *pilot program under the following:*

9           (1) *The Defense Production Act of 1950 (50*  
10 *U.S.C. 4501 et seq.).*

11           (2) *Chapters 137 and 139 and sections 2371,*  
12 *2371b, and 2373 of title 10, United States Code.*

13           (3) *Such other legal authorities as the Secretary*  
14 *considers applicable to carrying out the pilot pro-*  
15 *gram.*

16       (c) *ACTIVITIES.—Activities under the pilot program*  
17 *may include the following:*

18           (1) *Use of contracts, grants, or other transaction*  
19 *authorities to support manufacturing and production*  
20 *capabilities in small and medium sized manufactur-*  
21 *ers.*

22           (2) *Purchases of quantities of goods or equipment*  
23 *for testing and qualification purposes.*

24           (3) *Purchase commitments to create incentives*  
25 *for industry to develop manufacturing and produc-*

1        *tion capabilities of interest to national security, in-*  
2        *cluding cost sharing with funding from nongovern-*  
3        *mental sources.*

4            (4) *Issuing loans directly to small and medium*  
5        *sized enterprises to support manufacturing and pro-*  
6        *duction capabilities.*

7            (5) *Guaranteeing loans to enable small and me-*  
8        *dium sized manufacturers to obtain private sector*  
9        *loans to support manufacturing and production capa-*  
10       *bilities in areas of national security interest.*

11           (6) *Giving awards to third party entities to sup-*  
12       *port investments in small and medium sized manu-*  
13       *facturers working in areas of national security inter-*  
14       *est, including activities to support debt and equity*  
15       *investments that would benefit missions of the De-*  
16       *partment of Defense.*

17           (7) *Such other activities as the Secretary deter-*  
18       *mines necessary.*

19        (d) *TERMINATION.*—*The pilot program shall terminate*  
20       *on the date that is five years after the date of the enactment*  
21       *of this Act.*

22       **SEC. 863. SUNSET OF CERTAIN PROVISIONS RELATING TO**  
23       **THE INDUSTRIAL BASE.**

24        (a) *MISCELLANEOUS LIMITATIONS ON THE PROCURE-*  
25       *MENT OF GOODS OTHER THAN UNITED STATES GOODS.*—

1 *Section 2534 of title 10, United States Code, is amended*  
 2 *by adding at the end the following new subsection:*

3       “(k) *SUNSET ON CERTAIN RESTRICTIONS.*—*The re-*  
 4 *striction under subsection (a) relative to the procurement*  
 5 *of the items set forth in paragraphs (1) through (4) of such*  
 6 *subsection shall terminate on the close of September 30,*  
 7 *2018.”.*

8       (b) *PHOTOVOLTAIC DEVICES.*—*Section 858 of the Carl*  
 9 *Levin and Howard P. “Buck” McKeon National Defense*  
 10 *Authorization Act for Fiscal Year 2015 (Public Law 113–*  
 11 *291; 10 U.S.C. 2534 note) is amended by adding at the*  
 12 *end the following new subsection:*

13       “(c) *SUNSET.*—*This section shall terminate on the*  
 14 *close of September 30, 2018.”.*

15                   ***Subtitle G—International***  
 16                   ***Contracting Matters***

17 ***SEC. 865. PROCUREMENT EXCEPTION RELATING TO AGREE-***  
 18 ***MENTS WITH FOREIGN GOVERNMENTS.***

19       *Section 2533a of title 10, United States Code, is*  
 20 *amended—*

21               (1) *in subsection (a), by striking “subsections (c)*  
 22 *through (h)” and inserting “subsections (c) through*  
 23 *(i)”;*

24               (2) *by redesignating subsections (i), (j), and (k)*  
 25 *as subsections (j), (k), and (l), respectively; and*

1           (3) by inserting after subsection (h) the following  
2           new subsection:

3           “(i) *EXCEPTION RELATING TO AGREEMENTS WITH*  
4 *FOREIGN GOVERNMENTS.*—Subsection (a) does not preclude  
5 *the acquisition of items described in subsection (b) as part*  
6 *of a weapon system if the acquisition is necessary in fur-*  
7 *therance of an agreement with a foreign government in*  
8 *which both governments agree to remove barriers to pur-*  
9 *chases of supplies produced in the other country or services*  
10 *performed by sources of the other country.”.*

11 **SEC. 866. APPLICABILITY OF COST AND PRICING DATA CER-**  
12 **TIFICATION REQUIREMENTS.**

13           Section 2306a(b)(1) of title 10, United States Code, is  
14 amended—

15           (1) in subparagraph (C), by striking “; or” and  
16           inserting a semicolon;

17           (2) in subparagraph (D)(ii), by striking the pe-  
18           riod at the end and inserting “; or”; and

19           (3) by adding at the end the following new sub-  
20           paragraph:

21                   “(E) for a foreign military sale where there  
22           is already an existing Government contract—

23                           “(i) for the same or similar item or  
24                           service; and

1                   “(ii) for which the Government has  
2                   current cost and pricing data and insights  
3                   into the reasonableness of price.”.

4 **SEC. 867. ENHANCING PROGRAM LICENSING.**

5           (a) *IN GENERAL.*—Not later than September 30, 2019,  
6 the Secretary of Defense, with the concurrence of the Sec-  
7 retary of State, shall establish a structure for implementing  
8 a revised program export licensing framework intended to  
9 provide comprehensive export licensing authorization to  
10 support large international cooperative defense programs  
11 between multiple nations and determine what, if any, regu-  
12 latory authorities require modification.

13           (b) *SUSTAINMENT.*—The licensing framework estab-  
14 lished under subsection (a) shall require a program license  
15 for the future sustainment of all international cooperative  
16 defense programs comprised of more than five nations. The  
17 program license shall be finalized prior to the sustainment  
18 phase of that program’s acquisition lifecycle.

19           ***Subtitle H—Other Transactions***

20 **SEC. 871. OTHER TRANSACTION AUTHORITY.**

21           (a) *EXPANDED AUTHORITY FOR PROTOTYPE*  
22 *PROJECTS.*—Subsection (a) of section 2371b of title 10,  
23 United States Code, is amended—

24                   (1) by striking “(1) Subject” and inserting  
25                   “Subject”; and

1           (2) *by striking paragraphs (2) and (3).*

2           **(b) MODIFICATION OF COST SHARING REQUIREMENT**  
3 **FOR USE OF OTHER TRANSACTION AUTHORITY.**—Sub-  
4 *section (d)(1) of such section is amended by striking sub-*  
5 *paragraph (C) and inserting the following new subpara-*  
6 *graph:*

7           “(C) *At least one third of the total cost of the*  
8 *prototype project is to be paid out of funds provided*  
9 *by sources other than the Federal Government.”.*

10          **(c) USE OF OTHER TRANSACTION AUTHORITY FOR ON-**  
11 **GOING PROTOTYPE PROJECTS.**—*Subsection (f)(1) of such*  
12 *section is amended by adding at the end the following: “A*  
13 *transaction includes all individual prototype sub-projects*  
14 *awarded under the transaction to a consortium of United*  
15 *States industry and academic institutions.”.*

16 **SEC. 872. EDUCATION AND TRAINING FOR TRANSACTIONS**  
17 **OTHER THAN CONTRACTS AND GRANTS.**

18          *Section 2371 of title 10, United States Code, is amend-*  
19 *ed—*

20           (1) *by redesignating subsection (g) as subsection*  
21 *(h); and*

22           (2) *by inserting after subsection (f) the following*  
23 *new subsection:*

24          “(g) **EDUCATION AND TRAINING.**—*The Secretary of*  
25 *Defense shall ensure that management, technical, and con-*

1 *tracting personnel of the Department involved in the award*  
2 *and administration of transactions under this section or*  
3 *other innovative forms of contracting are afforded adequate*  
4 *education and training.”.*

5 **SEC. 873. PREFERENCE FOR USE OF OTHER TRANSACTIONS**  
6 **AND EXPERIMENTAL AUTHORITY.**

7 *In the execution of science and technology and proto-*  
8 *typing programs, the Secretary of Defense shall establish*  
9 *a preference for using transactions other than contracts, co-*  
10 *operative agreements, and grants entered into pursuant to*  
11 *sections 2371 and 2371b of title 10, United States Code,*  
12 *and authority for procurement for experimental purposes*  
13 *pursuant to section 2373 of title 10, United States Code.*

14 **SEC. 874. METHODS FOR ENTERING INTO RESEARCH**  
15 **AGREEMENTS.**

16 *Section 2358(b) of title 10, United States Code, is*  
17 *amended—*

18 *(1) in paragraph (3), by striking “or”;*

19 *(2) in paragraph (4), by striking the period at*  
20 *the end and inserting a semicolon; and*

21 *(3) by adding at the end the following new para-*  
22 *graphs:*

23 *“(5) by transactions other than contracts, cooper-*  
24 *ative agreements, and grants entered into pursuant to*  
25 *sections 2371 and 2371b of this title; or*

1           “(6) by procurement for experimental purposes  
2           pursuant to section 2373 of this title.”.

3       ***Subtitle I—Development and Acqui-***  
4       ***sition of Software Intensive and***  
5       ***Digital Products and Services***

6       **SEC. 881. RIGHTS IN TECHNICAL DATA.**

7           (a) *MODIFICATION OF DEFINITION OF TECHNICAL*  
8       *DATA.—Paragraph (4) of section 2302 of title 10, United*  
9       *States Code, is amended to read as follows:*

10           “(4) The term ‘technical data’—

11                   “(A) means recorded information (regard-  
12                   less of the form or method of the recording) of a  
13                   scientific or technical nature relating to supplies  
14                   procured by an agency;

15                   “(B) with respect to software, includes ev-  
16                   erything required to reproduce, build/recompile,  
17                   test, and deploy working system binaries on sys-  
18                   tem hardware, including all source code, revision  
19                   histories, build scripts, build/compilation/modi-  
20                   fication instructions/procedures, documentation,  
21                   test cases, expected test results, compilers, inter-  
22                   preters, test harnesses, specialized build and test  
23                   hardware, connectors, cables, and library de-  
24                   pendencies; and

1           “(C) does not include computer software in-  
2           cidental to contract administration or financial,  
3           administrative, cost or pricing, or management  
4           data or other information incidental to contract  
5           administration.”.

6           (b) *RIGHTS IN TECHNICAL DATA*.—Section 2320(a)(2)  
7 of title 10, United States Code, is amended by adding at  
8 the end the following new subparagraph:

9           “(J) The Secretary of Defense shall require the  
10          following with respect to software delivery:

11           “(i) Software shall be delivered in native  
12          electronic format.

13           “(ii) Builds must not be dependent upon  
14          pre-defined build directories.

15           “(iii) In the case of licensing restrictions  
16          that do not allow library dependency inclusion,  
17          verified accessible repositories and revision his-  
18          tory shall be documented and included.

19           “(iv) Commercial Off-The Shelf/Non-Devel-  
20          opment Item (COTS/NDI) shall be delivered on  
21          original Licensed Media. If firmware is part of  
22          the delivery, then a Firmware Support Manual  
23          should be included as an Appendix.”.

1 **SEC. 882. DEFENSE INNOVATION BOARD ANALYSIS OF**  
2 **SOFTWARE ACQUISITION REGULATIONS.**

3 (a) *STUDY.*—

4 (1) *IN GENERAL.*—*Not later than 30 days after*  
5 *the date of the enactment of this Act, the Secretary of*  
6 *Defense shall task the Defense Innovation Board to*  
7 *undertake a study on streamlining software develop-*  
8 *ment and acquisition regulations.*

9 (2) *MEMBER PARTICIPATION.*—*The Chairman of*  
10 *the Defense Innovation Board shall select appropriate*  
11 *members from the membership of the Board to par-*  
12 *ticipate in this study, and may recommend addi-*  
13 *tional temporary members or contracted support per-*  
14 *sonnel to the Secretary of Defense for the purposes of*  
15 *this study. In considering additional appointments to*  
16 *the study, the Secretary of Defense shall ensure that*  
17 *members have significant technical, legislative, or reg-*  
18 *ulatory expertise and reflect diverse experiences in the*  
19 *public and private sector.*

20 (3) *SCOPE.*—*The study conducted pursuant to*  
21 *paragraph (1) shall—*

22 (A) *review the acquisition regulations ap-*  
23 *plicable to the Department of Defense with a*  
24 *view toward streamlining and improving the ef-*  
25 *iciency and effectiveness of software acquisition*

1           *in order to maintain defense technology advan-*  
2           *tage;*

3           *(B) produce specific and detailed rec-*  
4           *ommendations for any legislation, including the*  
5           *amendment or repeal of regulations, that the*  
6           *members of the Board conducting the study de-*  
7           *termine necessary to—*

8                   *(i) streamline development and pro-*  
9                   *curement of software;*

10                   *(ii) adopt best practices from the pri-*  
11                   *vate sector applicable to government use;*

12                   *(iii) promote rapid adoption of new*  
13                   *technology;*

14                   *(iv) ensure continuing financial and*  
15                   *ethical integrity in procurement; and*

16                   *(v) protect the best interests of the De-*  
17                   *partment of Defense; and*

18           *(C) produce such additional recommenda-*  
19           *tions for legislation as such members consider*  
20           *appropriate.*

21           *(4) CONSULTATION ON MAJOR PROGRAM RE-*  
22           *ALIGNMENT.—The Secretary of Defense shall consult*  
23           *with the Defense Innovation Board in conducting ac-*  
24           *tivities under the major program realignment pilot*  
25           *program established pursuant to section 873. The Sec-*

1        *retary shall provide the Board with timely access to*  
2        *all information necessary for the Board to provide*  
3        *such consultation and report on the major program*  
4        *realignment.*

5            (5) *ACCESS TO INFORMATION.*—*The Secretary of*  
6        *Defense shall provide the Defense Innovation Board*  
7        *with timely access to appropriate information, data,*  
8        *resources, and analysis so that the Board may con-*  
9        *duct a thorough and independent analysis as required*  
10       *under this subsection.*

11       (b) *REPORTS.*—

12            (1) *INTERIM REPORTS.*—*Not later than 150 days*  
13       *after the date of the enactment of this Act, the Sec-*  
14       *retary of Defense shall submit a report to or brief the*  
15       *congressional defense committees on the interim find-*  
16       *ings of the study conducted pursuant to subsection*  
17       *(a). The Defense Innovation Board shall provide reg-*  
18       *ular updates to the Secretary of Defense and the con-*  
19       *gressional defense committees for purposes of pro-*  
20       *viding the interim report.*

21            (2) *FINAL REPORT.*—*Not later than one year*  
22       *after the Secretary of Defense tasks the Defense Advi-*  
23       *sory Board to conduct the study, the Board shall*  
24       *transmit a final report of the study to the Secretary.*  
25       *Not later than 30 days after receiving the final re-*



1       (c) *REALIGNMENT PLAN.*—*The Secretary of Defense*  
2 *shall finalize a realignment plan within 60 days of pro-*  
3 *grams being identified under subsection (a) that provides*  
4 *for the realigned program increments having a cost below*  
5 *the cost threshold for designation as a major acquisition.*

6       (d) *REALIGNMENT EXECUTION.*—*Each realigned pro-*  
7 *gram increment shall—*

8           (1) *be designed to deliver a meaningfully useful*  
9 *capability within the first 180 days following realign-*  
10 *ment;*

11          (2) *be designed to deliver subsequent meaning-*  
12 *fully useful capabilities on timeframes of less than*  
13 *180 days;*

14          (3) *incorporate cross-functional teams focused on*  
15 *software production that prioritize user needs and*  
16 *control of total cost of ownership;*

17          (4) *be staffed with highly qualified technically*  
18 *trained staff and personnel with management and*  
19 *business process expertise in leadership positions to*  
20 *support requirements modification, acquisition strat-*  
21 *egy, and program decisionmaking;*

22          (5) *ensure that realigned acquisition strategies*  
23 *are broad enough to allow offerors to propose a serv-*  
24 *ice, system, modified business practice, configuration*  
25 *of personnel, or combination thereof as a solution;*

1           (6) include periodic engagement with the user  
2           community, as well as representation by the user  
3           community in program management and software  
4           production activity;

5           (7) ensure realigned acquisition strategies favor  
6           outcomes-based requirements definition and capa-  
7           bility as a service, including the establishment of tech-  
8           nical evaluation criteria as outcomes to be used to  
9           drive service-level agreements with vendors; and

10          (8) consider options for termination of the rela-  
11          tionship with any vendor unable or unwilling to offer  
12          terms that meet the requirements of this section.

13          (e) *CONSULTATION.*—In conducting the program selec-  
14          tion and tailoring under this section, the Secretary shall—

15               (1) use the tools, resources, and expertise of dig-  
16               ital and innovation organizations resident in the De-  
17               partment, such as the Defense Innovation Board, the  
18               Defense Innovation Unit Experimental, the Defense  
19               Science Board, the Defense Digital Services, federally  
20               funded research and development centers, research  
21               laboratories, and other technical, management, and  
22               acquisition experts;

23               (2) use the digital development and acquisition  
24               expertise of the General Services Administration's  
25               Technology Transition Service, Office of 18F; and

1           (3) *leverage the science, technology, and innova-*  
2           *tion activities established pursuant to section 217 of*  
3           *the National Defense Authorization Act for Fiscal*  
4           *Year 2016 (Public Law 114–92; 10 U.S.C. 2445a*  
5           *note).*

6           (f) *AGILE ACQUISITION DEFINED.*—*In this section, the*  
7           *term “agile acquisition”—*

8                   (1) *means acquisition pursuant to a methodology*  
9                   *for delivering multiple, rapid, incremental capabili-*  
10                   *ties to the user for operational use, evaluation, and*  
11                   *feedback; and*

12                   (2) *involves—*

13                           (A) *the incremental development and field-*  
14                           *ing of capabilities, commonly called “spirals”,*  
15                           *“spins”, or “sprints”, which can be measured in*  
16                           *a few weeks or months; and*

17                           (B) *continuous participation and collabora-*  
18                           *tion by users, testers, and requirements authori-*  
19                           *ties.*

20   **SEC. 884. REVIEW AND REALIGNMENT OF DEFENSE BUSI-**  
21                   **NESS SYSTEMS TO EMPHASIZE AGILE METH-**  
22                   **ODS.**

23           (a) *IN GENERAL.*—*Not later than 30 days after the*  
24           *date of the enactment of this Act, the Secretary of Defense,*  
25           *in consultation with the Chief Information Officers and*

1 *Chief Management Officers of the military services, shall*  
2 *conduct a comprehensive assessment of investments in de-*  
3 *fense business systems and prioritize no fewer than four and*  
4 *up to eight such systems for realignment and restructuring*  
5 *into smaller increments and the incorporation of agile ac-*  
6 *quisition methods.*

7       **(b) PROGRAM ASSESSMENT ELEMENTS.**—*The assess-*  
8 *ment under subsection (a) shall include the following:*

9           **(1)** *A comparison of investments in business sys-*  
10 *tems across the Department of Defense within each*  
11 *business system portfolio category, such as personnel*  
12 *and pay systems, accounting and financial systems,*  
13 *and contracting and procurement systems.*

14           **(2)** *Identification of opportunities to rationalize*  
15 *requirements across investments within a business*  
16 *system portfolio.*

17           **(3)** *Identification of programs within business*  
18 *system portfolio categories that are most closely fol-*  
19 *lowing the best acquisition practices for software in-*  
20 *tensive systems.*

21       **(c) PROGRAM REALIGNMENT SELECTION CRITERIA.**—  
22 *In identifying programs for potential realignment, the Sec-*  
23 *retary of Defense shall prioritize programs that—*

24           **(1)** *did not deliver any operational capability*  
25 *within the prior calendar year;*

1           (2) *have experienced cost growth and schedule*  
2 *delay; and*

3           (3) *have similar user requirements to a better*  
4 *performing program within the same business system*  
5 *portfolio category.*

6           (d) *REALIGNMENT PLAN.—The Secretary of Defense*  
7 *shall finalize a realignment plan within 60 days of pro-*  
8 *grams being identified under subsection (c).*

9           (e) *REALIGNMENT EXECUTION.—Each realigned pro-*  
10 *gram increment shall—*

11           (1) *be designed to deliver a meaningfully useful*  
12 *capability within the first 180 days following realign-*  
13 *ment;*

14           (2) *be designed to deliver subsequent meaning-*  
15 *fully useful capabilities on timeframes of less than*  
16 *180 days;*

17           (3) *incorporate cross-functional teams focused on*  
18 *software production that prioritize user needs and*  
19 *control of total cost of ownership;*

20           (4) *be staffed with highly qualified technically*  
21 *trained staff and personnel with management and*  
22 *business process expertise in leadership positions to*  
23 *support requirements modification, acquisition strat-*  
24 *egy, and program decision making;*

1           (5) ensure that realigned acquisition strategies  
2 are broad enough to allow offerors to propose a serv-  
3 ice, system, modified business practice, configuration  
4 of personnel, or combination thereof as a solution;

5           (6) include periodic engagement with the user  
6 community as well as representation by the user com-  
7 munity in program management and software pro-  
8 duction activity;

9           (7) ensure realigned acquisition strategies favor  
10 outcomes-based requirements definition and capa-  
11 bility as a service, including the establishment of tech-  
12 nical evaluation criteria as outcomes to be used to  
13 drive service-level-agreements with vendors; and

14           (8) consider options for termination of the rela-  
15 tionship with any vendor unable or unwilling to offer  
16 terms that meet the requirements of this section.

17       (f) CONSULTATION.—In conducting the program selec-  
18 tion and realignments under this section, the Secretary  
19 shall—

20           (1) use the tools, resources, and expertise of dig-  
21 ital and innovation organizations resident in the De-  
22 partment, such as the Defense Innovation Board, the  
23 Defense Innovation Unit Experimental, the Defense  
24 Science Board, the Defense Business Board, the De-  
25 fense Digital Services, federally funded research and

1        *development centers, research laboratories, and other*  
2        *technical, management, and acquisition experts;*

3            (2) *use the digital development and acquisition*  
4        *expertise of the General Services Administration’s*  
5        *Technology Transition Service, Office of 18F; and*

6            (3) *leverage the science, technology, and innova-*  
7        *tion activities established pursuant to section 217 of*  
8        *the National Defense Authorization Act for Fiscal*  
9        *Year 2016 (Public Law 114–92; 10 U.S.C. 2445a*  
10       *note).*

11        (g) *AGILE ACQUISITION DEFINED.*—*In this section, the*  
12       *term “agile acquisition”—*

13            (1) *means acquisition pursuant to a methodology*  
14        *for delivering multiple, rapid, incremental capabili-*  
15        *ties to the user for operational use, evaluation, and*  
16        *feedback; and*

17            (2) *involves—*

18            (A) *the incremental development and field-*  
19        *ing of capabilities, commonly called “spirals”,*  
20        *“spins”, or “sprints”, which can be measured in*  
21        *a few weeks or months; and*

22            (B) *continuous participation and collabora-*  
23        *tion by users, testers, and requirements authori-*  
24        *ties.*

1 **SEC. 885. SOFTWARE DEVELOPMENT PILOT USING AGILE**  
2 **BEST PRACTICES.**

3 (a) *IN GENERAL.*—Not later than 30 days after the  
4 date of the enactment of this Act, the Secretary of Defense  
5 shall identify no fewer than four and up to eight software  
6 development activities within the Department of Defense or  
7 military departments to be developed using modern agile  
8 acquisition methods.

9 (b) *STREAMLINED PROCESSES.*—Software develop-  
10 ment activities identified under subsection (a) shall be de-  
11 veloped without incorporation of the following contract or  
12 transaction requirements:

13 (1) *Earned Value Management (EVM) or EVM-*  
14 *like reporting.*

15 (2) *Development of Integrated Master Schedule.*

16 (3) *Development of Integrated Master Plan.*

17 (4) *Development of Technical Requirement Docu-*  
18 *ment.*

19 (5) *Development of Systems Requirement Docu-*  
20 *ments.*

21 (6) *Use of Information Technology Infrastructure*  
22 *Library agreements.*

23 (7) *Use of Software Development Life Cycle*  
24 *(methodology).*

25 (c) *ROLES AND RESPONSIBILITIES.*—

1           (1) *IN GENERAL.*—*Selected activities shall in-*  
2 *clude the following roles and responsibilities:*

3           (A) *A program manager that is empowered*  
4 *to make all programmatic decisions within the*  
5 *overarching activity objectives, including re-*  
6 *sources, funding, personnel, and contract or*  
7 *transaction termination recommendations.*

8           (B) *A product owner that reports directly to*  
9 *the program manager and is responsible for the*  
10 *overall design of the product, prioritization of*  
11 *roadmap elements and interpretation of their ac-*  
12 *ceptance criteria, and prioritization of the list of*  
13 *all features desired in the product.*

14           (C) *An engineering lead that reports di-*  
15 *rectly to the program manager and is responsible*  
16 *for the implementation and operation of the soft-*  
17 *ware.*

18           (D) *A design lead that reports directly to*  
19 *the program manager and is responsible for*  
20 *identifying, communicating, and visualizing*  
21 *user needs through a human centered design*  
22 *process.*

23           (2) *QUALIFICATIONS.*—*The Secretary shall estab-*  
24 *lish qualifications for personnel filling these positions*  
25 *prior to their selection. The qualifications may not*

1 *include a positive education requirement and must be*  
2 *based on technical expertise or experience in delivery*  
3 *of software products, to include agile concepts.*

4 (3) *COORDINATION PLAN FOR TESTING AND CER-*  
5 *TIFICATION ORGANIZATIONS.—The program manager*  
6 *shall ensure resources for test and certification orga-*  
7 *nizations support of iterative development processes.*

8 (d) *PLAN.—The Secretary of Defense or designee shall*  
9 *develop a plan for each selected activity under the pilot to*  
10 *include the following elements:*

11 (1) *Definition of a product vision, identifying a*  
12 *succinct, clearly defined need the software will ad-*  
13 *dress.*

14 (2) *Definition of a product road map, outlining*  
15 *a noncontractual plan that identifies short-term and*  
16 *long-term product goals and specific technology solu-*  
17 *tions to help meet those goals and adjusts to mission*  
18 *and user needs at the product owner’s discretion.*

19 (3) *The use of a Broad Agency Announcement,*  
20 *Other Transaction Authority, or other rapid merit-*  
21 *based solicitation procedure.*

22 (4) *Identification of, and continuous engagement*  
23 *with, end users.*

1           (5) *Frequent and iterative end user validation of*  
2 *features and usability consistent with the principles*  
3 *outlined in the Digital Services Playbook.*

4           (6) *Use of commercial best practices for ad-*  
5 *vanced computing systems, including, where applica-*  
6 *ble—*

7                   (A) *Automated Testing, Integration, and*  
8 *Deployment;*

9                   (B) *compliance with applicable commercial*  
10 *accessibility standards;*

11                   (C) *capability to support modern versions*  
12 *of multiple, common web browsers;*

13                   (D) *capability to be viewable across com-*  
14 *monly used end user devices, including mobile*  
15 *devices; and*

16                   (E) *built-in application monitoring.*

17       (e) *PROGRAM SCHEDULE.—The Secretary shall ensure*  
18 *that each selected activity includes—*

19                   (1) *award processes that take no longer than 3*  
20 *months after a requirement is identified;*

21                   (2) *planned frequent and iterative end user vali-*  
22 *dation of implemented features and their usability;*

23                   (3) *delivery of a functional prototype or mini-*  
24 *maximally viable product in 3 months or less from award;*  
25 *and*

1           (4) *follow-on delivery of iterative development*  
2 *cycles no longer than 4 weeks apart, including secu-*  
3 *rity testing and configuration management as appli-*  
4 *cable.*

5           (f) *OVERSIGHT METRICS.—The Secretary shall ensure*  
6 *that the selected activities—*

7           (1) *use a modern tracking tool to execute require-*  
8 *ments backlog tracking; and*

9           (2) *use agile development metrics that, at a min-*  
10 *imum, track—*

11           (A) *pace of work accomplishment;*

12           (B) *completeness of scope of testing activi-*  
13 *ties (such as code coverage, fault tolerance, and*  
14 *boundary testing);*

15           (C) *product quality attributes (such as*  
16 *major and minor defects and measures of key*  
17 *performance attributes and quality attributes);*

18           (D) *delivery progress relative to the current*  
19 *product roadmap; and*

20           (E) *goals for each iteration.*

21           (g) *DATA RIGHTS.—*

22           (1) *UNCLASSIFIED SOFTWARE.—*

23           (A) *DEPARTMENT OF DEFENSE RIGHTS.—*

24           *The Department of Defense shall obtain suffi-*  
25 *cient data rights for unclassified software so that*

1           *all custom computer software developed under*  
2           *the pilot activities are managed as open source*  
3           *software.*

4                   (B) *PUBLIC AVAILABILITY.*—*The contractor*  
5           *shall publicly develop and release the source code*  
6           *for unclassified custom software in a public re-*  
7           *pository with a license through which the copy-*  
8           *right holder provides the rights to use, study,*  
9           *reuse, modify, enhance, and distribute the soft-*  
10          *ware to anyone and for any purpose.*

11                  (2) *OTHER SOFTWARE.*—*For all other custom*  
12          *software delivered under the pilot activities, the De-*  
13          *partment of Defense shall obtain sufficient data rights*  
14          *to enable a third party, other than the pilot con-*  
15          *tractor, to continue development and maintenance ac-*  
16          *tivities throughout the program lifecycle.*

17          (h) *RESTRICTIONS.*—

18                   (1) *USE OF FUNDS.*—*No funds made available*  
19          *for the selected activities may be expended on esti-*  
20          *mation or evaluation using source lines of code meth-*  
21          *odologies.*

22                   (2) *CONTRACT TYPES.*—*The Secretary of Defense*  
23          *may not use lowest price technically acceptable con-*  
24          *tracting methods or cost plus contracts to carry out*  
25          *selected activities under this section, and shall encour-*

1        *age the use of existing streamlined and flexible con-*  
2        *tracting arrangements.*

3        (i) *CONSULTATION.*—*In executing the software devel-*  
4        *opment activities under subsection (a), the Secretary*  
5        *shall—*

6                (1) *use the tools, resources, and expertise of dig-*  
7        *ital and innovation organizations resident in the De-*  
8        *partment, such as the Defense Innovation Board, the*  
9        *Defense Innovation Unit Experimental, the Defense*  
10        *Science Board, the Defense Business Board, the De-*  
11        *fense Digital Services, federally funded research and*  
12        *development centers, research laboratories, and other*  
13        *technical, management, and acquisition experts; and*

14                (2) *use, as appropriate, the digital development*  
15        *and acquisition expertise of the General Services Ad-*  
16        *ministration.*

17        (j) *REPORTS.*—

18                (1) *SOFTWARE DEVELOPMENT ACTIVITY COM-*  
19        *MENCEMENT.*—

20                (A) *IN GENERAL.*—*Not later than 30 days*  
21        *before the commencement of a software develop-*  
22        *ment activity under subsection (a), the Secretary*  
23        *shall submit to the congressional defense commit-*  
24        *tees a report on the pilot activity.*

1           (B) *ELEMENTS.*—*The report on a pilot ac-*  
2 *tivity under this paragraph shall set forth a de-*  
3 *scription of the pilot activity, including the fol-*  
4 *lowing information:*

5                   (i) *The purpose of the pilot activity.*

6                   (ii) *The duration of the pilot activity.*

7                   (iii) *The efficiencies and benefits an-*  
8 *ticipated to accrue to the Government under*  
9 *the pilot program.*

10           (2) *SOFTWARE DEVELOPMENT ACTIVITY COMPLE-*  
11 *TION.*—

12           (A) *IN GENERAL.*—*Not later than 60 days*  
13 *after the completion of a pilot activity, the Sec-*  
14 *retary shall submit to the congressional defense*  
15 *committees a report on the pilot activity.*

16           (B) *ELEMENTS.*—*The report on a pilot ac-*  
17 *tivity under this paragraph shall include the fol-*  
18 *lowing elements:*

19                   (i) *A description of results of the pilot*  
20 *activity.*

21                   (ii) *Such recommendations for legisla-*  
22 *tive or administrative action as the Sec-*  
23 *retary considers appropriate in light of the*  
24 *pilot activity.*

1       (k) *AGILE ACQUISITION DEFINED.*—*In this section, the*  
2 *term “agile acquisition”*—

3           (1) *means acquisition pursuant to a methodology*  
4 *for delivering multiple, rapid, incremental capabili-*  
5 *ties to the user for operational use, evaluation, and*  
6 *feedback; and*

7           (2) *involves*—

8           (A) *the incremental development and field-*  
9 *ing of capabilities, commonly called “spirals”,*  
10 *“spins”, or “sprints”, which can be measured in*  
11 *a few weeks or months; and*

12           (B) *continuous participation and collabora-*  
13 *tion by users, testers, and requirements authori-*  
14 *ties.*

15 **SEC. 886. USE OF OPEN SOURCE SOFTWARE.**

16       (a) *OPEN SOURCE SOFTWARE.*—

17           (1) *IN GENERAL.*—*Chapter 137 of title 10,*  
18 *United States Code, is amended by inserting after sec-*  
19 *tion 2320 the following new section:*

20 **“§ 2320a. Use of open source software**

21       “(a) *SOFTWARE DEVELOPMENT.*—*All unclassified cus-*  
22 *tom-developed computer software and related technical data*  
23 *that is not a defense article regulated pursuant to section*  
24 *38 of the Arms Export Control Act (22 U.S.C. 2778) and*  
25 *that is developed under a contract or other transaction*

1 *awarded by the Department of Defense on or after the date*  
2 *that is 180 days after the date of the enactment of this sec-*  
3 *tion shall be managed as open source software unless spe-*  
4 *cifically waived by the service acquisition executive.*

5       “(b) *RELEASE OF SOFTWARE IN PUBLIC REPOSI-*  
6 *TORY.—The Secretary of Defense shall require the con-*  
7 *tractor to release source code and related technical data de-*  
8 *scribed under subsection (a) in a public repository approved*  
9 *by the Department of Defense, subject to a license through*  
10 *which the copyright holder provides the rights to use, study,*  
11 *reuse, modify, enhance, and distribute the software to any-*  
12 *one and for any purpose.*

13       “(c) *APPLICABILITY TO EXISTING SOFTWARE.—The*  
14 *Secretary of Defense shall, where appropriate—*

15               “(1) *seek to negotiate open source licenses to ex-*  
16 *isting custom-developed computer software with con-*  
17 *tractors that developed it; and*

18               “(2) *release related source code and technical*  
19 *data in a public repository location approved by the*  
20 *Department of Defense.*

21       “(d) *DEFINITIONS.—In this section:*

22               “(1) *CUSTOM-DEVELOPED COMPUTER SOFT-*  
23 *WARE.—The term ‘custom-developed computer soft-*  
24 *ware’—*

1           “(A) means human-readable source code, in-  
2           cluding segregable portions thereof, that is—

3                   “(i) first produced in the performance  
4                   of a Department of Defense contract, grant,  
5                   cooperative agreement, or other transaction;  
6                   or

7                   “(ii) developed by a contractor or sub-  
8                   contractor exclusively with Federal funds  
9                   (other than an item or process developed  
10                  under a contract or subcontract to which  
11                  regulations under section 9(j)(2) of the  
12                  Small Business Act (15 U.S.C. 638(j)(2))  
13                  apply); and

14           “(B) does not include Commercial Off-The-  
15           Shelf software, or packaged software developed  
16           exclusively at private expense, whether delivered  
17           as a Cloud Service, in binary form, or by any  
18           other means of software delivery.

19           “(2) *TECHNICAL DATA*.—The term ‘technical  
20           data’ has the meaning given the term in section 2302  
21           of this title.”.

22           (2) *CLERICAL AMENDMENT*.—The table of sec-  
23           tions at the beginning of such chapter is amended by  
24           adding after the item relating to section 2320 the fol-  
25           lowing new item:

“2320a. *Use of open source software*.”.

1       (b) *PRIZE COMPETITION.*—*The Secretary of Defense*  
2 *shall create a prize for a research and develop program or*  
3 *other activity for identifying, capturing, and storing exist-*  
4 *ing Department of Defense custom-developed computer soft-*  
5 *ware and related technical data. The Secretary of Defense*  
6 *shall create an additional prize for improving, repurposing,*  
7 *or reusing software to better support the Department of De-*  
8 *fense mission. The prize programs shall be conducted in ac-*  
9 *cordance with section 2374a of title 10, United States Code.*

10       (c) *REVERSE ENGINEERING.*—*The Secretary of De-*  
11 *fense shall task the Defense Advanced Research Program*  
12 *Agency with a project to identify methods to locate and re-*  
13 *verse engineer Department of Defense custom-developed*  
14 *computer software and related technical data for which*  
15 *source code is unavailable.*

16       (d) *DEFINITIONS.*—*In this section:*

17               (1) *CUSTOM-DEVELOPED COMPUTER SOFT-*  
18 *WARE.*—*The term “custom-developed computer soft-*  
19 *ware”*—

20                       (A) *means human-readable source code, in-*  
21 *cluding segregable portions thereof, that is—*

22                               (i) *first produced in the performance of*  
23 *a Department of Defense contract, grant, co-*  
24 *operative agreement, or other transaction;*  
25 *or*

1                   (ii) developed by a contractor or sub-  
2                   contractor exclusively with Federal funds  
3                   (other than an item or process developed  
4                   under a contract or subcontract to which  
5                   regulations under section 9(j)(2) of the  
6                   Small Business Act (15 U.S.C. 638(j)(2))  
7                   apply); and

8                   (B) does not include Commercial Off-The-  
9                   Shelf software, or packaged software developed  
10                  exclusively at private expense, whether delivered  
11                  as a Cloud Service, in binary form, or by any  
12                  other means of software delivery.

13                  (2) *TECHNICAL DATA*.—The term “technical  
14                  data” has the meaning given the term in section 2302  
15                  of title 10, United States Code.

16                  (e) *REGULATIONS*.—Not later than 180 days after the  
17                  date of the enactment of this Act, the Secretary of Defense  
18                  shall amend the Defense Federal Acquisition Regulation  
19                  Supplement to carry out this section and the amendments  
20                  made by this section.

**Subtitle J—Other Matters**

1                   **Subtitle J—Other Matters**  
2 **SEC. 891. IMPROVED TRANSPARENCY AND OVERSIGHT**  
3                   **OVER DEPARTMENT OF DEFENSE RESEARCH,**  
4                   **DEVELOPMENT, TEST, AND EVALUATION EF-**  
5                   **FORTS AND PROCUREMENT ACTIVITIES RE-**  
6                   **LATED TO MEDICAL RESEARCH.**

7           *The Secretary of Defense may not enter into a con-*  
8 *tract, grant, or cooperative agreement for congressional spe-*  
9 *cial interest medical research programs under the congres-*  
10 *sionally directed medical research program of the Depart-*  
11 *ment of Defense unless the contract, grant, or cooperative*  
12 *agreement meets the following conditions:*

13                   (1) *Compliance with the cost and price data re-*  
14 *quirements under section 2306a of title 10, United*  
15 *States Code.*

16                   (2) *Compliance with the cost accounting stand-*  
17 *ards under section 1502 of title 41, United States*  
18 *Code.*

19                   (3) *Compliance with requirements for full and*  
20 *open competition under section 2304 of title 10,*  
21 *United States Code, without reliance on one of the ex-*  
22 *ceptions set forth in subsection (c) of such section.*

1 **SEC. 892. RIGHTS IN TECHNICAL DATA RELATED TO MED-**  
2 **ICAL RESEARCH.**

3 *The Secretary of Defense may not enter into a con-*  
4 *tract, grant, or cooperative agreement for congressional spe-*  
5 *cial interest medical research programs under the congres-*  
6 *sionally directed medical research program of the Depart-*  
7 *ment of Defense unless the contract, grant, or cooperative*  
8 *agreement provides that the United States Government will*  
9 *have the same rights to the technical data to an item or*  
10 *process developed under the contract, grant, or cooperative*  
11 *agreement as applicable under section 2320(a)(2)(A) of title*  
12 *10, United States Code, to items and processes developed*  
13 *exclusively with Federal funds where the medical research*  
14 *results in medicines and other treatments that will be pro-*  
15 *cured or otherwise paid for by the Federal Government*  
16 *through the Department of Defense, the Department of Vet-*  
17 *erans Affairs, Medicare, Medicaid, or other Federal Govern-*  
18 *ment health programs.*

19 **SEC. 893. OVERSIGHT, AUDIT, AND CERTIFICATION FROM**  
20 **THE DEFENSE CONTRACT AUDIT AGENCY FOR**  
21 **PROCUREMENT ACTIVITIES RELATED TO**  
22 **MEDICAL RESEARCH.**

23 *The Secretary of Defense may not enter into a con-*  
24 *tract, grant, or cooperative agreement for congressional spe-*  
25 *cial interest medical research programs under the congres-*  
26 *sionally directed medical research program of the Depart-*

1 *ment of Defense unless the contract, grant, or cooperative*  
2 *agreement meets the following conditions:*

3           (1) *Prior to obligation of any funds, review by*  
4 *and certification from the Defense Contract Audit*  
5 *Agency regarding the adequacy of the accounting sys-*  
6 *tems of the proposed awardee, including a forward*  
7 *pricing review of the awardee’s proposal.*

8           (2) *Prior to any payment on the contract, grant,*  
9 *or cooperative agreement, performance by the Defense*  
10 *Contract Audit Agency of an incurred cost audit.*

11 **SEC. 894. REQUIREMENTS FOR DEFENSE CONTRACT AUDIT**

12                           **AGENCY REPORT.**

13           *Subparagraph (E) of section 2313a(a)(2) of title 10,*  
14 *United States Code, is amended to read as follows:*

15                           “(E) *the total number and dollar value of*  
16 *audits that are pending for a period longer than*  
17 *18 months as of the end of the fiscal year covered*  
18 *by the report, including a breakdown by type of*  
19 *audit;”.*

20 **SEC. 895. PROTOTYPE PROJECTS TO DIGITIZE DEFENSE AC-**

21                           **QUISITION REGULATIONS, POLICIES, AND**

22                           **GUIDANCE, AND EMPOWER USER TAILORING**

23                           **OF ACQUISITION PROCESS.**

24           (a) *IN GENERAL.*—*The Secretary of Defense, acting*  
25 *through the Under Secretary of Defense for Research and*

1 *Engineering, shall conduct development efforts to develop*  
2 *prototypes to digitize defense acquisition regulations, poli-*  
3 *cies, and guidance and to develop a digital decision support*  
4 *tool that facilitates the ability of users to tailor programs*  
5 *in accordance with existing laws, regulations, and guid-*  
6 *ance.*

7 (b) *ELEMENTS.*—*Under the prototype projects, the Sec-*  
8 *retary shall—*

9 (1) *convert existing acquisition policies, guides,*  
10 *memos, templates, and reports to an online, inter-*  
11 *active digital format to create a dynamic, integrated,*  
12 *and authoritative knowledge environment for pur-*  
13 *poses of assisting program managers and the acquisi-*  
14 *tion workforce of the Department of Defense to navi-*  
15 *gate the complex lifecycle for each major type of ac-*  
16 *quisition program or activity of the Department;*

17 (2) *as part of this digital environment, create a*  
18 *digital decision support capability that uses decision*  
19 *trees and tailored acquisition models to assist users to*  
20 *develop strategies and facilitate coordination and ap-*  
21 *provals; and*

22 (3) *as part of this environment, establish a*  
23 *foundational data layer to enable advanced data ana-*  
24 *lytics on the acquisition enterprise of the Department,*

1       to include business process reengineering to improve  
2       productivity.

3       (c) *USE OF PROTOTYPES IN ACQUISITION ACTIVI-*  
4 *TIES.*—*The Under Secretary of Defense for Research and*  
5 *Engineering shall encourage the use of these prototypes to*  
6 *model, develop, and test any procedures, policies, instruc-*  
7 *tions, or other forms of direction and guidance that may*  
8 *be required to support acquisition training, practices, and*  
9 *policies of the Department of Defense.*

10       (d) *FUNDING.*—*The Secretary may use the authority*  
11 *under section 1705(e)(4)(B) of title 10, United States Code,*  
12 *to develop acquisition support prototypes and tools under*  
13 *this program.*

14 **SEC. 896. PILOT PROGRAM FOR ADOPTION OF ACQUISITION**  
15                   **STRATEGY FOR DEFENSE BASE ACT INSUR-**  
16                   **ANCE.**

17       (a) *IN GENERAL.*—*The Secretary of Defense shall es-*  
18 *tablish a pilot program for the United States Army Corps*  
19 *of Engineers (USACE) for purposes of adopting an acquisi-*  
20 *tion strategy for insurance required by the Defense Base*  
21 *Act (42 U.S.C. 1651 et seq.) in order to minimize the cost*  
22 *of such insurance to the Department of Defense.*

23       (b) *CRITERIA.*—*The pilot program acquisition strat-*  
24 *egy developed pursuant to subsection (a) shall address the*  
25 *following criteria:*

1           (1) *Minimize overhead costs associated with ob-*  
2 *taining insurance required by the Defense Base Act,*  
3 *such as direct or indirect costs for contract manage-*  
4 *ment and contract administration.*

5           (2) *Minimize costs for coverage of such insurance*  
6 *consistent with realistic assumptions regarding the*  
7 *likelihood of incurred claims by contractors of the De-*  
8 *partment and USACE.*

9           (3) *Provide for a correlation of premiums paid*  
10 *in relation to claims incurred that is modeled on best*  
11 *practices in government and industry for similar*  
12 *kinds of insurance.*

13           (4) *Provide for a competitive marketplace for in-*  
14 *surance required by the Defense Base Act to the max-*  
15 *imum extent practicable.*

16 (c) *SINGLE CONTRACT.*—

17           (1) *IN GENERAL.*—*In adopting the pilot program*  
18 *acquisition strategy pursuant to subsection (a), the*  
19 *Secretary shall enter into a single Defense Base Act*  
20 *insurance contract for USACE for contracts involving*  
21 *performance in all theaters, and potentially including*  
22 *combat operations.*

23           (2) *SCOPE.*—*The contract shall extend to all cat-*  
24 *egories of insurance coverage, including construction,*  
25 *aviation, security, and services contracts.*

1           (3) *TERM.*—*The contract entered into under this*  
2           *subsection shall be in effect for at least 3 years, or as*  
3           *considered appropriate by the Secretary.*

4           (d) *REPORT.*—

5           (1) *IN GENERAL.*—*Not later than 180 days after*  
6           *the date of the enactment of this Act, the Secretary*  
7           *shall submit to the congressional defense committees a*  
8           *report on the pilot program and the acquisition strat-*  
9           *egy adopted pursuant to subsection (a).*

10          (2) *ELEMENTS.*—*The report required under*  
11          *paragraph (1) shall include—*

12                 (A) *a discussion of each of the options con-*  
13                 *sidered and the extent to which each option ad-*  
14                 *dresses the criteria identified under subsection*  
15                 *(b); and*

16                 (B) *a plan to implement within 18 months*  
17                 *after the date of enactment of this Act the acqui-*  
18                 *sition strategy adopted by the Secretary.*

19          (e) *REVIEW AND RENEWAL OF PILOT PROGRAM AND*  
20          *ACQUISITION STRATEGY.*—*The Secretary shall review the*  
21          *pilot program and may renew the program, provided that*  
22          *the objectives have been reached.*

1 **SEC. 897. PHASE III AWARDS.**

2 *Section 9(r)(4) of the Small Business Act (15 U.S.C.*  
3 *638(r)(4)) is amended by striking “shall issue Phase III*  
4 *awards” and inserting the following: “shall—*

5 *“(A) consider an award under the SBIR*  
6 *program or the STTR program to satisfy the re-*  
7 *quirements under section 2304 of title 10, United*  
8 *States Code, and any other applicable competi-*  
9 *tion requirements; and*

10 *“(B) issue, without further justification,*  
11 *Phase III awards”.*

12 **SEC. 898. PILOT PROGRAM FOR STREAMLINED TECH-**  
13 **NOLOGY TRANSITION FROM THE SBIR AND**  
14 **STTR PROGRAMS OF THE DEPARTMENT OF**  
15 **DEFENSE.**

16 *(a) DEFINITIONS.—In this section—*

17 *(1) the terms “commercialization”, “Federal*  
18 *agency”, “Phase I”, “Phase II”, “Phase III”,*  
19 *“SBIR”, and “STTR” have the meanings given those*  
20 *terms in section 9(e) of the Small Business Act (15*  
21 *U.S.C. 638(e));*

22 *(2) the term “covered small business concern”*  
23 *means—*

24 *(A) a small business concern that completed*  
25 *a Phase II award under the SBIR or STTR pro-*  
26 *gram of the Department; or*

1           (B) a small business concern that—

2                   (i) completed a Phase I award under  
3           the SBIR or STTR program of the Depart-  
4           ment; and

5                   (ii) a contracting officer for the De-  
6           partment recommends for inclusion in a  
7           multiple award contract described in sub-  
8           section (b);

9           (3) the term “Department” means the Depart-  
10          ment of Defense;

11           (4) the term “multiple award contract” has the  
12          meaning given the term in section 3302(a) of title 41,  
13          United States Code;

14           (5) the term “pilot program” means the pilot  
15          program established under subsection (b); and

16           (6) the term “small business concern” has the  
17          meaning given the term in section 3 of the Small  
18          Business Act (15 U.S.C. 632).

19          (b) *ESTABLISHMENT.*—Not later than 180 days after  
20          the date of enactment of this Act, the Secretary of Defense  
21          shall establish a pilot program under which the Department  
22          shall award multiple award contracts to covered small busi-  
23          ness concerns for the purchase of technologies, supplies, or  
24          services that the covered small business concern has devel-  
25          oped through the SBIR or STTR program.

1       (c) *WAIVER OF COMPETITION IN CONTRACTING ACT*  
2 *REQUIREMENTS.*—*The Secretary of Defense may establish*  
3 *procedures to waive provisions of section 2304 of title 10,*  
4 *United States Code, for purposes of carrying out the pilot*  
5 *program.*

6       (d) *USE OF CONTRACT VEHICLE.*—*A multiple award*  
7 *contract described in subsection (b) may be used by any*  
8 *service or component of the Department.*

9       (e) *TERMINATION.*—*The pilot program established*  
10 *under this section shall terminate on September 30, 2023.*

11       (f) *RULE OF CONSTRUCTION.*—*Nothing in this section*  
12 *shall be construed to prevent the commercialization of prod-*  
13 *ucts and services produced by a small business concern*  
14 *under an SBIR or STTR program of a Federal agency*  
15 *through—*

16             (1) *direct awards for Phase III of an SBIR or*  
17 *STTR program; or*

18             (2) *any other contract vehicle.*

19 **SEC. 899. ANNUAL REPORT ON LIMITATION OF SUBCON-**  
20 **TRACTOR INTELLECTUAL PROPERTY RIGHTS.**

21       *Not later than 180 days after the date of the enactment*  
22 *of this Act, and annually thereafter for five years, the Sec-*  
23 *retary of Defense shall submit to the congressional defense*  
24 *committees a report listing all contracts entered into during*  
25 *the previous fiscal year using procedures under part 15 of*

1 *the Federal Acquisition Regulation where the prime con-*  
2 *tractor limited the intellectual property rights of one or*  
3 *more subcontractors without being required to do so by the*  
4 *United States Government.*

5 **SEC. 899A. EXTENSION FROM 20 TO 30 YEARS OF MAXIMUM**  
6 **TOTAL PERIOD FOR DEPARTMENT OF DE-**  
7 **FENSE CONTRACTS FOR STORAGE, HAN-**  
8 **DLING, OR DISTRIBUTION OF LIQUID FUELS**  
9 **AND NATURAL GAS.**

10 (a) *EXTENSION.*—Section 2922(b) of title 10, United  
11 States Code, is amended by striking “a total of 20 years”  
12 and inserting “a total of 30 years”.

13 (b) *EFFECTIVE DATE.*—The amendment made by sub-  
14 section (a) shall take effect on October 1, 2027, and shall  
15 apply with respect to contracts entered into on or after such  
16 date.

17 **SEC. 899B. EXCEPTION FOR DEPARTMENT OF DEFENSE**  
18 **CONTRACTS FROM REQUIREMENT THAT**  
19 **BUSINESS OPERATIONS CONDUCTED UNDER**  
20 **GOVERNMENT CONTRACTS ACCEPT AND DIS-**  
21 **PENSE \$1 COINS.**

22 Section 5112(p)(1) of title 31, United States Code, is  
23 amended by inserting “, with the exception of business oper-  
24 ations conducted by any entity under a contract with the  
25 Department of Defense,” before “shall take such action”.

1 **SEC. 899C. INVESTING IN RURAL SMALL BUSINESSES.**

2 (a) *FLEXIBILITY FOR RESIDENCY IN HUBZONES.*—  
 3 Section 3(p)(5)(A)(i)(I) of the Small Business Act (15  
 4 U.S.C. 632(p)(5)(A)(i)(I)) is amended by striking “35 per-  
 5 cent” each place that term appears and inserting “33 per-  
 6 cent”.

7 (b) *ENABLING LOCAL COMMUNITIES TO MAXIMIZE*  
 8 *ECONOMIC POTENTIAL.*—The Small Business Act (15  
 9 U.S.C. 631 et seq.) is amended—

10 (1) in section 3(p)(1) (15 U.S.C. 632(p)(1))—

11 (A) in subparagraph (E), by striking “or”  
 12 at the end;

13 (B) by redesignating subparagraph (F) as  
 14 subparagraph (G); and

15 (C) by inserting after subparagraph (E) the  
 16 following:

17 “(F) another qualified area designated by  
 18 the Administrator under section 31(d); or”; and

19 (2) in section 31 (15 U.S.C. 657a)—

20 (A) by redesignating subsection (d) as sub-  
 21 section (e); and

22 (B) by inserting after subsection (c) the fol-  
 23 lowing:

24 “(d) *OTHER QUALIFIED AREAS.*—

25 “(1) *DEFINITIONS.*—In this subsection—

1           “(A) the term ‘covered area’ means an area  
2           in a State—

3                   “(i) that is located outside of an ur-  
4                   banized area, as determined by the Bureau  
5                   of the Census; and

6                   “(ii) with a population of not more  
7                   than 50,000;

8           “(B) the term ‘governor’ means the chief ex-  
9           ecutive of a State; and

10           “(C) the term ‘State’ means each of the sev-  
11           eral States, the District of Columbia, the Com-  
12           monwealth of Puerto Rico, the Virgin Islands,  
13           Guam, the Commonwealth of the Northern Mar-  
14           iana Islands, and American Samoa.

15           “(2) DESIGNATION.—A governor may petition  
16           the Administrator to designate one or more covered  
17           areas as a HUBZone if the average unemployment  
18           rate of each covered area is not less than 120 percent  
19           of the average unemployment rate of the United  
20           States or of the State in which the covered area is lo-  
21           cated, whichever is less, based on the most recent data  
22           available from the American Community Survey con-  
23           ducted by the Bureau of the Census.

1           “(3) *CRITERIA.*—*In reviewing a petition sub-*  
2           *mitted by a governor under paragraph (2), the Ad-*  
3           *ministrator may consider—*

4                   “(A) *the potential for job creation and in-*  
5                   *vestment;*

6                   “(B) *the demonstrated interest of small*  
7                   *business concerns in the covered area to partici-*  
8                   *pate in the HUBZone program established under*  
9                   *section 31; and*

10                   “(C) *the consideration by State and local*  
11                   *government officials of a HUBZone as part of*  
12                   *an economic development strategy.*

13           “(4) *PETITION.*—*With respect to a petition sub-*  
14           *mitted by a governor to the Administrator under*  
15           *paragraph (2)—*

16                   “(A) *the governor may submit not more*  
17                   *than 1 petition in a fiscal year unless the Ad-*  
18                   *ministrator determines that an additional peti-*  
19                   *tion from the State of the governor is appro-*  
20                   *priate;*

21                   “(B) *the governor may not submit a peti-*  
22                   *tion for more than 10 percent of the total num-*  
23                   *ber of covered areas in the State of the governor;*  
24                   *and*

1           “(C) if the Administrator grants the peti-  
2           tion and designates one or more covered areas as  
3           a HUBZone, the governor shall, not less fre-  
4           quently than annually, submit data to the Ad-  
5           ministrator certifying that each covered area  
6           continues to meet the requirements of clauses (i)  
7           and (ii) of paragraph (1)(A).

8           “(5) PROCESS.—The Administrator shall estab-  
9           lish procedures—

10           “(A) to ensure that the Administration ac-  
11           cepts petitions under paragraph (2) from all  
12           States each fiscal year; and

13           “(B) to provide technical assistance, before  
14           the filing of a petition under paragraph (2), to  
15           a governor who is interested in filing such a pe-  
16           tition.”.

17           (c) ENSURING TIMELY CONSIDERATION OF HUBZONE  
18           APPLICATIONS.—Section 3(p)(5) of the Small Business Act  
19           (15 U.S.C. 632(p)(5)) is amended by adding at the end the  
20           following:

21           “(C) REVIEW OF APPLICATIONS.—Not later  
22           than 60 days after the date on which the Admin-  
23           istrator receives an application from a small  
24           business concern to be certified as a qualified  
25           HUBZone small business concern under sub-

1           *paragraph (A)(i), the Administrator shall ap-*  
2           *prove or deny the application.”.*

3   **TITLE IX—DEPARTMENT OF DE-**  
4   **FENSE ORGANIZATION AND**  
5   **MANAGEMENT**

6   **Subtitle A—Office of the Secretary**  
7   **of Defense and Related Matters**

8   **SEC. 901. CHIEF MANAGEMENT OFFICER OF THE DEPART-**  
9           **MENT OF DEFENSE.**

10    *(a) CHIEF MANAGEMENT OFFICER.—*

11           *(1) IN GENERAL.—Effective February 1, 2018,*  
12           *section 132a of title 10, United States Code, is*  
13           *amended to read as follows:*

14    **“§ 132a. Chief Management Officer**

15           *“(a) APPOINTMENT.—There is a Chief Management*  
16           *Officer of the Department of Defense, appointed from civil-*  
17           *ian life by the President, by and with the advice and con-*  
18           *sent of the Senate. The Chief Management Officer shall be*  
19           *appointed from among persons who have an extensive man-*  
20           *agement or business background and experience with man-*  
21           *aging large or complex organizations. A person may not*  
22           *be appointed as Chief Management Officer within seven*  
23           *years after relief from active duty as a commissioned officer*  
24           *of a regular component of an armed force.*

1       “(b) *RESPONSIBILITIES.*—*Subject to the authority, di-*  
2 *rection, and control of the Secretary of Defense, the Chief*  
3 *Management Officer shall perform such duties and exercise*  
4 *such powers as the Secretary may prescribe, including—*

5               “(1) *serving as the chief management officer of*  
6 *the Department of Defense with the mission of man-*  
7 *aging the business operations of the Department;*

8               “(2) *serving as the principal advisor to the Sec-*  
9 *retary on establishing policies for, and directing, all*  
10 *business operations of the Department, including*  
11 *business transformation, business planning and proc-*  
12 *esses, performance management, and business infor-*  
13 *mation technology management and improvement ac-*  
14 *tivities and programs, including the allocation of re-*  
15 *sources for business operations and unifying business*  
16 *management efforts across the Department;*

17               “(3) *exercising authority, direction, and control*  
18 *over the Defense Agencies and Department of Defense*  
19 *Field Activities providing shared business services for*  
20 *the Department that are designated by the Secretary*  
21 *for purposes of this paragraph;*

22               “(4) *as of January 1, 2019—*

23                       “(A) *serving as the Chief Information Offi-*  
24 *cer of the Department for purposes of section*  
25 *2222 of this title;*

1           “(B) administering the responsibilities and  
2           duties specified in sections 11315 and 11319 of  
3           title 40, section 3506(a)(2) of title 44, and sec-  
4           tion 2223(a) of this title for business systems and  
5           management; and

6           “(C) any responsibilities, duties, and pow-  
7           ers relating to business systems or management  
8           that are exercisable by a chief information officer  
9           for the Department, other than those responsibil-  
10          ities, duties, and powers of a chief information  
11          officer that are vested in the Chief Information  
12          Warfare Officer by section 142 of this title;

13          “(5) serving as the official with principal re-  
14          sponsibility in the Department for providing for the  
15          availability of common, usable, Defense-wide data sets  
16          with applications such as improving acquisition out-  
17          comes and personnel management; and

18          “(6) the authority to direct the Secretaries of the  
19          military departments and the heads of all other ele-  
20          ments of the Department with regard to matters for  
21          which the Chief Management Officer has responsi-  
22          bility under this section.

23          “(c) *PRECEDENCE.*—*The Chief Management Officer*  
24          *takes precedence in the Department of Defense after the Sec-*  
25          *retary of Defense and the Deputy Secretary of Defense.”.*

1           (2) *CLERICAL AMENDMENT.*—*Effective February*  
2           *1, 2018, the table of sections at the beginning of chap-*  
3           *ter 4 of such title is amended by striking the item re-*  
4           *lating to section 132a and inserting the following new*  
5           *item:*

*“132a. Chief Management Officer.”.*

6           (b) *CONFORMING REPEAL OF PRIOR AUTHORITIES ON*  
7           *CMO.*—

8           (1) *IN GENERAL.*—*Effective on January 31,*  
9           *2018, subsection (c) of section 901 of the National De-*  
10           *fense Authorization Act for Fiscal Year 2017 (Public*  
11           *Law 114–328; 130 Stat. 2341; 10 U.S.C. 131 note) is*  
12           *repealed, and the amendments to be made by para-*  
13           *graph (4) of that subsection shall not be made.*

14           (2) *FURTHER CONFORMING AMENDMENTS.*—*Ef-*  
15           *fective on February 1, 2018, section 132 of title 10,*  
16           *United States Code, is amended—*

17                     (A) *by striking subsection (c); and*

18                     (B) *by redesignating subsection (d) as sub-*  
19                     *section (c).*

20           (c) *CONFORMING AMENDMENTS ON PRECEDENCE IN*  
21           *DoD.*—*Effective on February 1, 2018, and immediately*  
22           *after the coming into effect of the amendments made by sec-*  
23           *tion 901 of the National Defense Authorization Act for Fis-*  
24           *cal Year 2017—*

1           (1) *section 131(b) of title 10, United States Code,*  
2 *is amended—*

3           (A) *by redesignating paragraphs (2)*  
4 *through (9) as paragraphs (3) through (10), re-*  
5 *spectively; and*

6           (B) *by inserting after paragraph (1) the fol-*  
7 *lowing new paragraph (2):*

8           “(2) *The Chief Management Officer of the De-*  
9 *partment of Defense.*”;

10          (2) *section 133a(c) of such title is amended—*

11           (A) *in paragraph (1), by striking “and the*  
12 *Deputy Secretary of Defense” and inserting “,*  
13 *the Deputy Secretary of Defense, and the Chief*  
14 *Management Officer of the Department of De-*  
15 *fense”; and*

16           (B) *in paragraph (2), by inserting “the*  
17 *Chief Management Officer,” after “the Deputy*  
18 *Secretary,”; and*

19          (3) *section 133b(c) of such title is amended—*

20           (A) *in paragraph (1), by inserting “the*  
21 *Chief Management Officer of the Department of*  
22 *Defense,” after “the Deputy Secretary of De-*  
23 *fense,”; and*

1           (B) in paragraph (2), by inserting “the  
2           Chief Management Officer,” after “the Deputy  
3           Secretary,”.

4           (d) *EXECUTIVE SCHEDULE LEVEL II.—Effective on*  
5 *February 1, 2018, and immediately after the coming into*  
6 *effect of the amendment made by section 901(h) of the Na-*  
7 *tional Defense Authorization Act for Fiscal Year 2017, sec-*  
8 *tion 5313 of title 5, United States Code, is amended by in-*  
9 *serting before the item relating to the Under Secretary of*  
10 *Defense for Research and Engineering the following new*  
11 *item:*

12           “Chief Management Officer of the Department of  
13           Defense.”.

14           (e) *SERVICE OF INCUMBENT DEPUTY CHIEF MANAGE-*  
15 *MENT OFFICER AS CHIEF MANAGEMENT OFFICER UPON*  
16 *COMMENCEMENT OF LATTER POSITION WITHOUT FUR-*  
17 *THER APPOINTMENT.—The individual serving in the posi-*  
18 *tion of Deputy Chief Management Officer of the Department*  
19 *of Defense as of February 1, 2018, may continue to serve*  
20 *as Chief Management Officer of the Department of Defense*  
21 *under section 132a of title 10, United States Code (as*  
22 *amended by subsection (a)), commencing as of that date*  
23 *without further appointment pursuant to such section 132a.*

24           (f) *REPORT ON DEFENSE AGENCIES AND FIELD AC-*  
25 *TIVITIES PROVIDING SHARED BUSINESS SERVICES.—Not*

1 *later than January 15, 2018, the Secretary of Defense shall*  
2 *submit to the congressional defense committees a report*  
3 *specifying each Defense Agency and Department of Defense*  
4 *Field Activity providing shared business services for the De-*  
5 *partment of Defense that is to be designated by the Sec-*  
6 *retary for purposes of subsection (b)(3) of section 132a of*  
7 *title 10, United States Code (as so amended), as of the com-*  
8 *ing into effect of such section 132a.*

9       (g) *NOTICE TO CONGRESS ON TRANSFER OF OVER-*  
10 *SIGHT OF DEFENSE AGENCIES AND FIELD ACTIVITIES*  
11 *WITH BUSINESS-SUPPORT FUNCTIONS TO CMO.—Upon the*  
12 *transfer of responsibility for oversight of a Defense Agency*  
13 *or Department of Defense Field Activity specified in sub-*  
14 *section (c) of section 132a of title 10, United States Code*  
15 *(as so amended), to the Chief Management Officer of the*  
16 *Department of Defense, the Secretary of Defense shall sub-*  
17 *mit to the congressional defense committees a notice on the*  
18 *transfer, including the Defense Agency or Field Activity*  
19 *subject to the transfer and a description of the nature and*  
20 *scope of the responsibility for oversight transferred.*

21 **SEC. 902. REALIGNMENT OF RESPONSIBILITIES, DUTIES,**  
22 **AND POWERS OF CHIEF INFORMATION OFFI-**  
23 **CER OF THE DEPARTMENT OF DEFENSE.**

24       (a) *IN GENERAL.—Effective on January 1, 2019, the*  
25 *responsibilities, duties, and powers vested in the Chief In-*

1 *formation Officer of the Department of Defense as of Decem-*  
2 *ber 31, 2018, are realigned as follows:*

3           (1) *There is vested in the Chief Information*  
4 *Warfare Officer of the Department of Defense the re-*  
5 *sponsibilities, duties, and powers provided for by sec-*  
6 *tion 142 of title 10, United States Code (as amended*  
7 *by subsection (b)).*

8           (2) *There is vested in the Chief Management Of-*  
9 *ficer of the Department of Defense any responsibil-*  
10 *ities, duties, and powers vested in the Chief Informa-*  
11 *tion Officer of the Department of Defense as of De-*  
12 *cember 31, 2018, that are not vested in the Chief In-*  
13 *formation Warfare Officer by paragraph (1) and such*  
14 *section 142.*

15 (b) *CHIEF INFORMATION WARFARE OFFICER.—*

16           (1) *IN GENERAL.—Section 142 of title 10,*  
17 *United States Code, is amended to read as follows:*

18 **“§ 142. Chief Information Warfare Officer**

19           “(a) *IN GENERAL.—(1) There is a Chief Information*  
20 *Warfare Officer of the Department of Defense, who shall be*  
21 *appointed from among civilians who are qualified to serve*  
22 *as the Chief Information Warfare Officer by the President,*  
23 *by and with the advice and consent of the Senate.*

1       “(2) *The Chief Information Warfare Officer shall re-*  
2 *port directly to the Secretary of Defense in the performance*  
3 *of duties under this section.*

4       “(b) *RESPONSIBILITY AND AUTHORITY.—(1) Subject*  
5 *to the authority, direction, and control of the Secretary of*  
6 *Defense, the Chief Information Warfare Officer is respon-*  
7 *sible for all matters relating to the information environment*  
8 *of the Department of Defense and has the authority to estab-*  
9 *lish policy for, and direct the Secretaries of the military*  
10 *departments and the heads of all other elements of the De-*  
11 *partment relating to, the matters as follow:*

12               “(A) *Space and space launch systems.*

13               “(B) *Communications networks and information*  
14 *technology (other than business systems).*

15               “(C) *National security systems.*

16               “(D) *Information assurance and cybersecurity.*

17               “(E) *Electronic warfare and cyber warfare.*

18               “(F) *Nuclear command and control and senior*  
19 *leadership communications systems.*

20               “(G) *Command and control systems and net-*  
21 *works.*

22               “(H) *The electromagnetic spectrum.*

23               “(I) *Positioning, navigation, and timing.*

24               “(J) *Any other matters assigned to the Chief In-*  
25 *formation Officer of the Department of Defense, not*

1 *relating to business systems or management, in sec-*  
2 *tions 2223 and 2224 of this title, sections 11315 and*  
3 *11319 of title 40, and sections 3506 and 3544 of title*  
4 *44.*

5 *“(2) In addition to the responsibilities in paragraph*  
6 *(1), the responsibilities of the Chief Information Warfare*  
7 *Officer include—*

8 *“(A) exercising authority, direction, and control*  
9 *over the missions, programs, and organizational ele-*  
10 *ments pertaining to information assurance (formally*  
11 *Information Assurance Directorate) of the National*  
12 *Security Agency;*

13 *“(B) exercising authority, direction, and control*  
14 *over the Defense Information Systems Agency, or any*  
15 *successor organization, for the matters described in*  
16 *paragraph (1); and*

17 *“(C) responsibilities for policy, oversight, guid-*  
18 *ance, and coordination for all Department matters re-*  
19 *lating to the electromagnetic spectrum, including—*

20 *“(i) coordination with other Federal agen-*  
21 *cies and the private sector;*

22 *“(ii) coordination for classified programs;*  
23 *and*

1           “(iii) in coordination with the Under Sec-  
2           retary for Personnel and Health, the spectrum  
3           management workforce.

4           “(3) Notwithstanding the exemptions for the Depart-  
5           ment of Defense in section 11319 of title 40, the authority  
6           of the Chief Information Warfare Officer to direct the secre-  
7           taries of the military departments for information warfare  
8           matters as provided in paragraph (1) shall include—

9           “(A) playing a significant and directive role in  
10          the decision processes for all annual and multi-year  
11          planning, programming, budgeting, and execution de-  
12          cisions, including the authority to realign the ele-  
13          ments of the budgets and budget requests of the mili-  
14          tary departments that pertain to the responsibilities  
15          of the Chief Information Warfare Officer;

16          “(B) reviewing and approving any funding re-  
17          quest or reprogramming request;

18          “(C) ensuring that the military departments  
19          comply with Government and Department standards  
20          on a matter described in paragraph (1) or (2);

21          “(D) reviewing and approving the appointment  
22          of any other employee who functions in the capacity  
23          of a Chief Information Officer or a Chief Information  
24          Warfare Officer for any component within the De-

1        *partment, except for the Chief Management Officer of*  
2        *the Department of Defense; and*

3                *“(E) participating in all meetings, management,*  
4        *and decision-making forums on issues pertaining to*  
5        *any matter described in paragraph (1) or (2).*

6        *“(4) The Chief Information Warfare Officer shall over-*  
7        *see and may require that programs of the military depart-*  
8        *ments comply with such direction and standards as the*  
9        *Chief Information Warfare Officer may establish relating*  
10       *to a matter described in paragraph (1) or (2).*

11       *“(5) The Chief Information Warfare Officer shall per-*  
12       *form such additional duties and exercise such additional*  
13       *powers as the Secretary may prescribe.*

14       *“(c) CHIEF INFORMATION OFFICER FOR CERTAIN*  
15       *PURPOSES.—The Chief Information Warfare Officer—*

16                *“(1) is the Chief Information Officer of the De-*  
17        *partment of Defense for purposes of 3554(a)(3) of title*  
18        *44 and section 2224 of this title; and*

19                *“(2) in coordination with the Chief Management*  
20        *Officer of the Department of Defense, is the Chief In-*  
21        *formation Officer of the Department of Defense for*  
22        *purposes of section 11315 of title 40 and section 2223*  
23        *of this title.*

24       *“(d) PRINCIPAL CYBER ADVISOR.—In addition to any*  
25       *other duties under this section, the Chief Information War-*

1 fare Officer shall serve as Principal Cyber Advisor under  
2 section 932(c) of the National Defense Authorization Act for  
3 Fiscal Year 2014 (10 U.S.C. 2224 note).

4 “(e) *PRINCIPAL DEPARTMENT OF DEFENSE SPACE*  
5 *ADVISOR.*—In addition to any other duties under this sec-  
6 tion, the Chief Information Warfare Officer shall perform  
7 the duties of the Principal Department of Defense Space  
8 Advisor in accordance with Department of Defense Direc-  
9 tive 5100.96 and any succeeding directive.

10 “(f) *COLLABORATIVE MECHANISMS.*—(1) The Sec-  
11 retary of Defense shall establish collaboration mechanisms  
12 between the Chief Information Warfare Officer and the  
13 Under Secretary of Defense for Intelligence, the Under Sec-  
14 retary of Defense for Policy, the Chairman of the Joint  
15 Chiefs of Staff, and the Assistant Secretary of Defense for  
16 Public Affairs for purposes of developing and overseeing the  
17 execution of offensive and defensive information warfare  
18 strategies, plans, programs, and operations.

19 “(2) The strategies, plans, programs and operations  
20 shall appropriately integrate cyber, electronic, and electro-  
21 magnetic spectrum warfare, military deception, military  
22 information support operations, and public affairs to con-  
23 duct, counter, and deter information warfare.

24 “(g) *PRECEDENCE IN DOD.*—(1) The Chief Informa-  
25 tion Warfare Officer shall take precedence in the Depart-

1 *ment of Defense with the officials serving in positions speci-*  
2 *fied in section 131(b)(2) of this title.*

3 “(2) *The officials serving in positions specified in such*  
4 *section and the Chief Information Warfare Officer take*  
5 *precedence among themselves in the order prescribed by the*  
6 *Secretary.*”

7 (2) *CLERICAL AMENDMENT.—The table of sec-*  
8 *tions at the beginning of chapter 4 of such title is*  
9 *amended by striking the item relating to section 142*  
10 *and inserting the following new item:*

“142. *Chief Information Warfare Officer.*”

11 (3) *EXECUTIVE SCHEDULE LEVEL II.—Section*  
12 *5313 of title 5, United States Code, is amended by in-*  
13 *serting after the item relating to the Deputy Secretary*  
14 *of Defense the following new item:*

15 “*Chief Information Warfare Officer of the De-*  
16 *partment of Defense.*”

17 (4) *REFERENCES.—Any reference to the Chief*  
18 *Information Officer of the Department of Defense in*  
19 *any law, regulation, map, document, record, or other*  
20 *paper of the United States in that official’s capacity*  
21 *as the official responsible for the information security*  
22 *and information dominance of the Department of De-*  
23 *fense shall be deemed to be a reference to Chief Infor-*  
24 *mation Warfare Officer of the Department of Defense.*

1           (5) *PRINCIPAL CYBER ADVISOR.*—Paragraph (1)  
2           of section 932(c) of the National Defense Authoriza-  
3           tion Act for Fiscal Year 2014 (Public Law 113–66;  
4           127 Stat. 829; 10 U.S.C. 2224 note) is amended to  
5           read as follows:

6           “(1) *IN GENERAL.*—The Chief Information War-  
7           fare Officer of the Department of Defense under sec-  
8           tion 142 of title 10, United States Code, shall serve  
9           as the Principal Cyber Advisor to act as the principal  
10          advisor to the Secretary on military cyber forces and  
11          activities.”.

12          (6) *STANDARDS FOR NETWORKS.*—A military de-  
13          partment may not develop or procure a network that  
14          does not fully comply with such standards as the  
15          Chief Information Warfare Officer under section 142  
16          of title 10, United States Code (as amended by para-  
17          graph (1)), may establish relating to a matter de-  
18          scribed in subsection (b) of such section.

19          (7) *ALTERNATIVE PROPOSAL.*—Not later than  
20          March 1, 2018, the Secretary of Defense shall submit  
21          to the congressional defense committees a proposal for  
22          such alternatives or modifications to the realignment  
23          of responsibilities required by section 142 of title 10,  
24          United States Code (as so amended), as the Secretary  
25          considers appropriate, together with an implementa-

1        *tion plan for such proposal. The proposal may not be*  
2        *carried out unless approved by statute.*

3            (8) *QUARTERLY BRIEFING ON IMPLEMENTA-*  
4        *TION.—Not later than January 30, 2018, and every*  
5        *90 days thereafter through January 1, 2019, the Sec-*  
6        *retary shall provide to the congressional defense com-*  
7        *mittees a briefing on the status of the implementation*  
8        *of the Chief Information Warfare Officer of the De-*  
9        *partment of Defense under section 142 of title 10,*  
10       *United States Code (as so amended), during the pre-*  
11       *ceding 90 days.*

12            (9) *EFFECTIVE DATE.—*

13            (A) *IN GENERAL.—Except as provided in*  
14        *subparagraph (B), this subsection and the*  
15        *amendments made by this subsection shall take*  
16        *effect on January 1, 2019.*

17            (B) *INTERIM MATTERS.—Paragraphs (7)*  
18        *and (8) of this subsection shall take effect on the*  
19        *date of the enactment of this Act.*

1 **SEC. 903. CLARIFICATION OF AUTHORITY OF UNDER SEC-**  
2 **RETARY OF DEFENSE FOR ACQUISITION AND**  
3 **SUSTAINMENT WITH RESPECT TO SERVICE**  
4 **ACQUISITION PROGRAMS FOR WHICH THE**  
5 **SERVICE ACQUISITION EXECUTIVE IS THE**  
6 **MILESTONE DECISION AUTHORITY.**

7 *Effective on February 1, 2018, and immediately after*  
8 *the coming into effect of the amendment made by section*  
9 *901(b) of the National Defense Authorization Act for Fiscal*  
10 *Year 2017 (Public Law 114–328), subsection (b)(6) of sec-*  
11 *tion 133b of title 10, United States Code, as added by such*  
12 *section 901(b), is amended by striking “supervisory author-*  
13 *ity” and inserting “advisory authority”.*

14 **SEC. 904. EXECUTIVE SCHEDULE MATTERS RELATING TO**  
15 **UNDER SECRETARY OF DEFENSE FOR ACQUI-**  
16 **SITION AND SUSTAINMENT.**

17 *(a) INAPPLICABILITY OF PENDING AMENDMENT.—The*  
18 *amendment to be made by section 901(h) of the National*  
19 *Defense Authorization Act for Fiscal Year 2017 (Public*  
20 *Law 114–328; 130 Stat. 2342) with regard to the Under*  
21 *Secretary of Defense for Acquisition and Sustainment shall*  
22 *not be made.*

23 *(b) EXECUTIVE SCHEDULE LEVEL III.—Effective on*  
24 *February 1, 2018, section 5314 of title 5, United States*  
25 *Code, is amended by inserting before the item relating to*  
26 *the Under Secretary of Defense for Policy the following:*

1           *“Under Secretary of Defense for Acquisition and*  
2           *Sustainment.”.*

3 **SEC. 905. TECHNICAL AMENDMENT.**

4           *Section 901(a) of the National Defense Authorization*  
5 *Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.*  
6 *2339; 10 U.S.C. 133a note) is amended—*

7           (1) *by striking “RESEARCH AND ENGINEER-*  
8 *ING.—” and all that follows through “Effective on*  
9 *February 1, 2018” and inserting “RESEARCH AND*  
10 *ENGINEERING.—Effective on February 1, 2018”;* and

11           (2) *by striking paragraph (2).*

12 **SEC. 906. REDESIGNATION OF UNDER SECRETARY OF DE-**  
13 **FENSE FOR PERSONNEL AND READINESS AS**  
14 **UNDER SECRETARY OF DEFENSE FOR PER-**  
15 **SONNEL AND HEALTH.**

16 (a) *REDESIGNATION.—*

17           (1) *IN GENERAL.—Section 136 of title 10,*  
18 *United States Code, is amended by striking “and*  
19 *Readiness” each place it appears and inserting “and*  
20 *Health”.*

21           (2) *HEADING AMENDMENT.—The heading of such*  
22 *section is amended to read as follows:*

1 **“§ 136. Under Secretary of Defense for Personnel and**  
2 **Health”.**

3 (3) *CLERICAL AMENDMENT.*—*The table of sec-*  
4 *tions at the beginning of chapter 4 of such title is*  
5 *amended by striking the item relating to section 136*  
6 *and inserting the following new item:*

*“136. Under Secretary of Defense for Personnel and Health.”.*

7 (b) *CONFORMING AMENDMENTS.*—

8 (1) *TITLE 10.*—

9 (A) *Subparagraph (D) of section 131(b)(2)*  
10 *of title 10, United States Code, is amended to*  
11 *read as follows:*

12 *“(D) The Under Secretary of Defense for*  
13 *Personnel and Health.”.*

14 (B) *Section 137(c) of such title is amended*  
15 *by striking “and Readiness” and inserting “and*  
16 *Health”.*

17 (2) *EXECUTIVE SCHEDULE LEVEL III.*—*Section*  
18 *5314 of title 5, United States Code, is amended by*  
19 *striking the item relating to the Under Secretary of*  
20 *Defense for Personnel and Readiness and inserting*  
21 *the following new item:*

22 *“Under Secretary of Defense for Personnel and*  
23 *Health.”.*

24 (c) *REFERENCES.*—*Any reference to the Under Sec-*  
25 *retary of Defense for Personnel and Readiness in any law,*

1 *regulation, map, document, record, or other paper of the*  
2 *United States shall be deemed to be a reference to the Under*  
3 *Secretary of Defense for Personnel and Health.*

4 **SEC. 907. QUALIFICATIONS FOR APPOINTMENT AND ADDI-**  
5 **TIONAL DUTIES AND POWERS OF CERTAIN**  
6 **OFFICIALS WITHIN THE OFFICE OF THE**  
7 **UNDER SECRETARY OF DEFENSE (COMP-**  
8 **TROLLER).**

9 (a) *UNDER SECRETARY OF DEFENSE (COMP-*  
10 *TROLLER).*—

11 (1) *QUALIFICATION FOR APPOINTMENT.*—*Sub-*  
12 *section (a) of section 135 of title 10, United States*  
13 *Code, is amended—*

14 (A) *by inserting “(1)” after “(a)”;* and

15 (B) *by adding at the end the following new*  
16 *paragraph:*

17 “(2)(A) *Any individual appointed as Under Secretary*  
18 *of Defense (Comptroller) shall be an individual who—*

19 “(i) *has significant financial management serv-*  
20 *ice in—*

21 “(I) *a Federal or State agency that received*  
22 *an audit with an unqualified opinion on such*  
23 *agency’s financial statements during the time of*  
24 *such individual’s service; or*

1           “(II) a public company that received an  
2           audit with an unqualified opinion on such com-  
3           pany’s financial statements during the time of  
4           such individual’s service; or

5           “(ii) has served as chief financial officer, deputy  
6           chief financial officer, or an equivalent executive-level  
7           position with direct authority for financial manage-  
8           ment in a large public or private sector organization.

9           “(B) In this paragraph, the term ‘public company’ has  
10          the meaning given the term ‘issuer’ in section 2(7) of the  
11          Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”

12           (2) DUTIES AND POWERS.—Such section is fur-  
13          ther amended—

14                   (A) by redesignating subsections (d) and (e)  
15                   as subsections (e) and (f), respectively; and

16                   (B) by inserting after subsection (c) the fol-  
17                   lowing new subsection (d):

18           “(d) In addition to any duties under subsection (c),  
19          the Under Secretary of Defense (Comptroller) shall, subject  
20          to the authority, direction, and control of the Secretary of  
21          Defense, do the following:

22                   “(1) Provide guidance and instruction on an-  
23                   nual performance plans and evaluations to the fol-  
24                   lowing:

1           “(A) *The Assistant Secretaries of the mili-*  
2           *tary departments for financial management.*

3           “(B) *Any other official of an agency, orga-*  
4           *nization, or element of the Department of De-*  
5           *fense with responsibility for financial manage-*  
6           *ment.*

7           “(2) *Give directions to the military departments,*  
8           *Defense Agencies, and other organizations and ele-*  
9           *ments of the Department of Defense regarding their*  
10          *financial statements and the audit and audit readi-*  
11          *ness of such financial statements.”.*

12          **(b) DEPUTY CHIEF FINANCIAL OFFICER.—**

13                 **(1) QUALIFICATION FOR APPOINTMENT.—***Any in-*  
14                 *dividual appointed as Deputy Chief Financial Officer*  
15                 *of the Department of Defense shall be an individual*  
16                 *who—*

17                         **(A) has significant financial management**  
18                         *service in—*

19                                 **(i) a Federal or State agency that re-**  
20                                 *ceived an audit with an unqualified opin-*  
21                                 *ion on such agency’s financial statements*  
22                                 *during the time of such individual’s service;*  
23                                 *or*

24                                 **(ii) a public company that received an**  
25                                 *audit with an unqualified opinion on such*

1           *company’s financial statements during the*  
2           *time of such individual’s service; or*

3           *(B) has served as chief financial officer,*  
4           *deputy chief financial officer, or an equivalent*  
5           *executive-level position with direct authority for*  
6           *financial management in a large public or pri-*  
7           *vate sector organization.*

8           (2) *PUBLIC COMPANY DEFINED.*—*In this sub-*  
9           *section, the term “public company” has the meaning*  
10          *given the term “issuer” in section 2(7) of the Sar-*  
11          *banes-Oxley Act of 2002 (15 U.S.C. 7201(7)).*

12          (c) *APPLICABILITY.*—*This section and the amendments*  
13          *made by this section shall take effect on the date of the en-*  
14          *actment of this Act, and shall apply with respect to ap-*  
15          *pointments that are made on or after that date.*

16 **SEC. 908. FIVE-YEAR PERIOD OF RELIEF FROM ACTIVE**  
17                   **DUTY AS A COMMISSIONED OFFICER OF A**  
18                   **REGULAR COMPONENT OF THE ARMED**  
19                   **FORCES FOR APPOINTMENT TO UNDER SEC-**  
20                   **RETARY OF DEFENSE POSITIONS.**

21          (a) *UNDER SECRETARY OF DEFENSE FOR RESEARCH*  
22          *AND ENGINEERING.*—*Effective on February 1, 2018, and*  
23          *immediately after the coming into effect of the amendments*  
24          *made by subsection (a) of the National Defense Authoriza-*  
25          *tion Act for Fiscal Year 2017 (130 Stat. 2339), section*

1 133a(a) of title 10, United States Code (as added by such  
2 subsection (a)), is amended by striking “seven years” and  
3 inserting “five years”.

4 (b) UNDER SECRETARY OF DEFENSE FOR ACQUI-  
5 SITION AND SUSTAINMENT.—Effective on February 1, 2018,  
6 and immediately after the coming into effect of the amend-  
7 ments made by subsection (b) of the National Defense Au-  
8 thorization Act for Fiscal Year 2017 (130 Stat. 2340), sec-  
9 tion 133b(a) of title 10, United States Code (as added by  
10 such subsection (b)), is amended by striking “seven years”  
11 and inserting “five years”.

12 (c) UNDER SECRETARY OF DEFENSE FOR POLICY.—  
13 Section 134(a) of title 10, United States Code, is amended  
14 by striking “seven years” and inserting “five years”.

15 (d) UNDER SECRETARY OF DEFENSE (COMP-  
16 TROLLER).—Section 135(a) of such title is amended by add-  
17 ing at the end the following new sentence: “A person may  
18 not be appointed as Under Secretary within five years after  
19 relief from active duty as a commissioned officer of a reg-  
20 ular component of the armed forces.”.

21 (e) UNDER SECRETARY OF DEFENSE FOR PERSONNEL  
22 AND HEALTH.—Subsection (a) of section 136 of such title,  
23 as amended by section 906(a) of this Act, is further amend-  
24 ed by adding at the end the following new sentence: “A per-  
25 son may not be appointed as Under Secretary within five

1 *years after relief from active duty as a commissioned officer*  
 2 *of a regular component of the armed forces.”.*

3 (f) *UNDER SECRETARY OF DEFENSE FOR INTEL-*  
 4 *LIGENCE.—Section 137(a) of such title is amended by add-*  
 5 *ing at the end the following new sentence: “A person may*  
 6 *not be appointed as Under Secretary within five years after*  
 7 *relief from active duty as a commissioned officer of a reg-*  
 8 *ular component of the armed forces.”.*

9 **SEC. 909. REDESIGNATION OF PRINCIPAL DEPUTY UNDER**  
 10 **SECRETARIES OF DEFENSE AS DEPUTY**  
 11 **UNDER SECRETARIES OF DEFENSE AND RE-**  
 12 **LATED MATTERS.**

13 (a) *REDESIGNATION.—Section 137a of title 10, United*  
 14 *States Code, is amended by striking “Principal” each place*  
 15 *it appears.*

16 (b) *INCREASE IN AUTHORIZED NUMBER.—Subsection*  
 17 *(a)(1) of such section is amended by striking “five” and*  
 18 *inserting “six”.*

19 (c) *REPLACEMENT OF ATL POSITION WITH TWO PO-*  
 20 *SITIONS IN CONNECTION WITH OSD REFORM.—Subsection*  
 21 *(c) of such section is amended—*

22 (1) *by redesignating paragraphs (2) through (5)*  
 23 *as paragraphs (3) through (6), respectively; and*

24 (2) *by striking paragraph (1) and inserting the*  
 25 *following new paragraphs:*

1       “(1) *One of the Deputy Under Secretaries is the Dep-*  
 2 *uty Under Secretary of Defense for Research and Engineer-*  
 3 *ing.*”

4       “(2) *One of the Deputy Under Secretaries is the Dep-*  
 5 *uty Under Secretary of Defense for Acquisition and*  
 6 *Sustainment.*”.

7       (d) *REDESIGNATION OF DUSD FOR PERSONNEL AND*  
 8 *READINESS AS DUSD FOR PERSONNEL AND HEALTH.*—  
 9 *Paragraph (4) of subsection (c) of such section, as amended*  
 10 *and redesignated by this section, is further amended by*  
 11 *striking “Personnel and Readiness” and inserting “Per-*  
 12 *sonnel and Health”.*

13       (e) *CONFORMING AMENDMENTS.*—

14           (1) *OSD.*—*Paragraph (6) of section 131(b) of*  
 15 *title 10, United States Code, is amended to read as*  
 16 *follows:*

17           “(6) *The Deputy Under Secretaries of Defense.*”.

18           (2) *PRECEDENCE.*—*Section 138(d) of such title*  
 19 *is amended by striking “Principal”.*

20       (f) *EXECUTIVE SCHEDULE LEVEL IV.*—

21           (1) *IN GENERAL.*—*Section 5315 of title 5,*  
 22 *United States Code, is amended—*

23           (A) *by striking “Principal” in the items re-*  
 24 *lating to the Principal Deputy Under Secretary*  
 25 *of Defense for Policy, the Principal Deputy*

1           *Under Secretary of Defense (Comptroller), and*  
2           *the Principal Deputy Under Secretary of Defense*  
3           *for Intelligence; and*

4                     *(B) by striking the item relating to the*  
5           *Principal Deputy Under Secretary of Defense for*  
6           *Personnel and Readiness and inserting the fol-*  
7           *lowing new item:*

8           “*Deputy Under Secretary of Defense for Per-*  
9           *sonnel and Health.*”.

10           (2) *OSD REFORM.*—*Section 5315 of such title is*  
11           *further amended by inserting before the item relating*  
12           *to the Deputy Under Secretary of Defense for Policy,*  
13           *as amended by paragraph (1)(A), the following new*  
14           *items:*

15           “*Deputy Under Secretary of Defense for Re-*  
16           *search and Engineering.*”

17           “*Deputy Under Secretary of Defense for Acquisi-*  
18           *tion and Sustainment.*”.

19           (i) *CLERICAL AMENDMENTS.*—

20                     (1) *HEADING AMENDMENT.*—*The heading of sec-*  
21           *tion 137a of such title is amended to read as follows:*

22   “**§ 137a. Deputy Under Secretaries of Defense**”.

23                     (2) *CLERICAL AMENDMENT.*—*The table of sec-*  
24           *tions at the beginning of chapter 4 of such title is*

1        *amended by striking the item relating to section 137a*  
 2        *and inserting the following new item:*

“137a. Deputy Under Secretaries of Defense.”.

3        *(h) EFFECTIVE DATES.—*

4            *(1) IN GENERAL.—Except as provided in para-*  
 5        *graph (2), the amendments made by this section shall*  
 6        *take effect on the date of the enactment of this Act.*

7            *(2) ATL POSITION AMENDMENTS.—The amend-*  
 8        *ments made by subsections (b), (c), and (f)(2) of this*  
 9        *section shall take effect on February 1, 2018, imme-*  
 10       *diately after the coming into effect of the amendments*  
 11       *made by subsections (a) and (b) of section 901 of the*  
 12       *National Defense Authorization Act for Fiscal Year*  
 13       *2017 (Public Law 114–328; 130 Stat. 2339), to which*  
 14       *the amendments made by subsections (b), (c), and*  
 15       *(f)(2) of this section relate.*

16    **SEC. 910. REDUCTION OF NUMBER AND ELIMINATION OF**  
 17                    **SPECIFIC DESIGNATIONS OF ASSISTANT SEC-**  
 18                    **RETARIES OF DEFENSE.**

19        *(a) REDUCTION OF AUTHORIZED NUMBER.—Sub-*  
 20        *section (a)(1) of section 138 of title 10, United States Code,*  
 21        *is amended by striking “14” and inserting “13”.*

22        *(b) ELIMINATION OF CERTAIN SPECIFIC DESIGNA-*  
 23        *TIONS.—Subsection (b) of such section is amended—*

24            *(1) by striking paragraphs (2), (3), and (5); and*

1           (2) *by redesignating paragraphs (4) and (6) as*  
2           *paragraphs (2) and (3), respectively.*

3 **SEC. 911. LIMITATION ON MAXIMUM NUMBER OF DEPUTY**  
4           **ASSISTANT SECRETARIES OF DEFENSE.**

5           *The maximum number of Deputy Assistant Secretaries*  
6 *of Defense after the date of the enactment of this Act may*  
7 *not exceed 46.*

8 **SEC. 912. MODIFICATION OF DEFINITION OF OSD PER-**  
9           **SONNEL FOR PURPOSES OF LIMITATION ON**  
10           **NUMBER OF OFFICE OF SECRETARY OF DE-**  
11           **FENSE PERSONNEL.**

12           *(a) MODIFICATION.—*

13           (1) *IN GENERAL.—Section 143(b) of title 10,*  
14 *United States Code, as amended by section 903(a) of*  
15 *the National Defense Authorization Act for Fiscal*  
16 *Year 2017 (Public Law 114–328), is further amended*  
17 *by striking “and detailed personnel” and inserting*  
18 *“detailed, and contractor personnel”.*

19           (2) *EFFECTIVE DATE.—The amendment made by*  
20 *paragraph (1) shall take effect on October 1, 2018.*

21           **(b) REPORT ON NUMBER OF CONTRACTOR PERSONNEL**  
22 **IN OSD AND EACH SECRETARIATE OF THE MILITARY DE-**  
23 **PARTMENTS.—Not later than December 31, 2017, the Sec-**  
24 **retary of Defense shall submit to the congressional defense**  
25 **committees a report specifying the following:**

1           (1) *The number of contractor personnel in the*  
2           *Office of the Secretary of Defense as of October, 1,*  
3           *2017.*

4           (2) *The number of contractor personnel in each*  
5           *office of a Secretary of a military department as of*  
6           *October 1, 2017.*

7           ***Subtitle B—Organization of Other***  
8           ***Department of Defense Offices***  
9           ***and Elements***

10          ***SEC. 921. REDUCTION IN AUTHORIZED NUMBER OF ASSIST-***  
11                               ***ANT SECRETARIES OF THE MILITARY DE-***  
12                               ***PARTMENTS.***

13           (i) *ASSISTANT SECRETARIES OF THE ARMY.—Section*  
14           *3016(a) of title 10, United States Code, is amended by strik-*  
15           *ing “five” and inserting “four”.*

16           (b) *ASSISTANT SECRETARIES OF THE NAVY.—Section*  
17           *5016(a) of such title is amended by striking “four” and in-*  
18           *serting “three”.*

19           (c) *ASSISTANT SECRETARIES OF THE AIR FORCE.—*  
20           *Section 8016(a) of such title is amended by striking “four”*  
21           *and inserting “three”.*

1 **SEC. 922. QUALIFICATIONS FOR APPOINTMENT OF ASSIST-**  
2 **ANT SECRETARIES OF THE MILITARY DE-**  
3 **PARTMENTS FOR FINANCIAL MANAGEMENT.**

4 (a) *ASSISTANT SECRETARY OF THE ARMY.*—Section  
5 3016(b)(4) of title 10, United States Code, is amended—

6 (1) by inserting “(A)” after “(4)”;

7 (2) by striking “The Assistant Secretary shall  
8 have as his principal responsibility” and inserting  
9 the following:

10 “(C) The principal responsibility of the Assistant Sec-  
11 retary shall be”; and

12 (3) by inserting after subparagraph (A), as des-  
13 ignated by paragraph (1), the following new subpara-  
14 graph (B):

15 “(B)(i) Any individual appointed as Assistant Sec-  
16 retary shall be an individual who—

17 “(I) has significant financial management serv-  
18 ice in—

19 “(aa) a Federal or State agency that re-  
20 ceived an audit with an unqualified opinion on  
21 such agency’s financial statements during the  
22 time of such individual’s service; or

23 “(bb) a public company that received an  
24 audit with an unqualified opinion on such com-  
25 pany’s financial statements during the time of  
26 such individual’s service; or

1           “(II) has served as chief financial officer, deputy  
2           chief financial officer, or an equivalent executive-level  
3           position with direct authority for financial manage-  
4           ment in a large public or private sector organization.

5           “(ii) In this subparagraph, the term ‘public company’  
6           has the meaning given the term ‘issuer’ in section 2(7) of  
7           the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

8           (b) ASSISTANT SECRETARY OF THE NAVY.—Section  
9           5016(b)(3) of such title is amended—

10           (1) by inserting “(A)” after “(3)”;

11           (2) by striking “The Assistant Secretary shall  
12           have as his principal responsibility” and inserting  
13           the following:

14           “(C) The principal responsibility of the Assistant Sec-  
15           retary shall be”; and

16           (3) by inserting after subparagraph (A), as des-  
17           ignated by paragraph (1), the following new subpara-  
18           graph (B):

19           “(B)(i) Any individual appointed as Assistant Sec-  
20           retary shall be an individual who—

21           “(I) has significant financial management serv-  
22           ice in—

23           “(aa) a Federal or State agency that re-  
24           ceived an audit with an unqualified opinion on

1           *such agency’s financial statements during the*  
2           *time of such individual’s service; or*

3           “(bb) a public company that received an  
4           audit with an unqualified opinion on such com-  
5           pany’s financial statements during the time of  
6           such individual’s service; or

7           “(II) has served as chief financial officer, deputy  
8           chief financial officer, or an equivalent executive-level  
9           position with direct authority for financial manage-  
10          ment in a large public or private sector organization.

11          “(ii) In this subparagraph, the term ‘public company’  
12          has the meaning given the term ‘issuer’ in section 2(7) of  
13          the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

14          (c) ASSISTANT SECRETARY OF THE AIR FORCE.—Sec-  
15          tion 8016(b)(3) of such title is amended—

16                 (1) by inserting “(A)” after “(3)”;

17                 (2) by striking “The Assistant Secretary shall  
18                 have as his principal responsibility” and inserting  
19                 the following:

20                 “(C) The principal responsibility of the Assistant Sec-  
21                 retary shall be”; and

22                 (3) by inserting after subparagraph (A), as des-  
23                 ignated by paragraph (1), the following new subpara-  
24                 graph (B):

1       “(B)(i) Any individual appointed as Assistant Sec-  
2 retary shall be an individual who—

3               “(I) has significant financial management serv-  
4 ice in—

5                       “(aa) a Federal or State agency that re-  
6 ceived an audit with an unqualified opinion on  
7 such agency’s financial statements during the  
8 time of such individual’s service; or

9                       “(bb) a public company that received an  
10 audit with an unqualified opinion on such com-  
11 pany’s financial statements during the time of  
12 such individual’s service; or

13               “(II) has served as chief financial officer, deputy  
14 chief financial officer, or an equivalent executive-level  
15 position with direct authority for financial manage-  
16 ment in a large public or private sector organization.

17               “(ii) In this subparagraph, the term ‘public company’  
18 has the meaning given the term ‘issuer’ in section 2(7) of  
19 the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

20       (d) *APPLICABILITY.*—The amendments made by this  
21 section shall take effect on the date of the enactment of this  
22 Act, and shall apply with respect to appointments that are  
23 made on or after that date.

1 ***Subtitle C—Organization and Man-***  
2 ***agement of the Department of***  
3 ***Defense Generally***

4 **SEC. 931. REDUCTION IN LIMITATION ON NUMBER OF DE-**  
5 **PARTMENT OF DEFENSE SES POSITIONS.**

6 *Section 1109(a)(1) of the National Defense Authoriza-*  
7 *tion Act for Fiscal Year 2017 (Public Law 114–328) is*  
8 *amended by striking “1,260” and inserting “1,140”.*

9 **SEC. 932. MANNER OF CARRYING OUT REDUCTIONS IN**  
10 **MAJOR DEPARTMENT OF DEFENSE HEAD-**  
11 **QUARTERS ACTIVITIES.**

12 *Section 346(b) of the National Defense Authorization*  
13 *Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.*  
14 *796; 10 U.S.C. 111 note) is amended by adding at the end*  
15 *the following new paragraph:*

16 *“(5) MANNER OF CARRYING OUT REDUCTIONS.—*  
17 *Reductions in major Department of Defense head-*  
18 *quarters activities pursuant to the headquarters re-*  
19 *duction plan referred to in paragraph (1), as modi-*  
20 *fied pursuant to that paragraph, shall be carried out*  
21 *after a consideration of the current manpower levels,*  
22 *historic manpower levels, mission requirements, and*  
23 *anticipated staffing needs of such headquarters activi-*  
24 *ties necessary to meet national defense objectives. Fur-*  
25 *ther, the plan required by subsection (a) shall be*



1 **SEC. 934. DIRECT HIRE AUTHORITY FOR THE DEPARTMENT**  
2 **OF DEFENSE FOR PERSONNEL TO ASSIST IN**  
3 **BUSINESS TRANSFORMATION AND MANAGE-**  
4 **MENT INNOVATION.**

5 (a) *AUTHORITY.*—*The Secretary of Defense may ap-*  
6 *point in the Department of Defense individuals described*  
7 *in subsection (b) without regard to the provisions of sub-*  
8 *chapter I of chapter 33 of title 5, United States Code, for*  
9 *the purpose of assisting and facilitating the efforts of the*  
10 *Department in business transformation and management*  
11 *innovation.*

12 (b) *COVERED INDIVIDUALS.*—*The individuals de-*  
13 *scribed in this subsection are individuals who have all of*  
14 *the following:*

15 (1) *A management or business background.*

16 (2) *Experience working with large or complex*  
17 *organizations.*

18 (3) *Expertise in management and organizational*  
19 *change, data analytics, or business process design.*

20 (c) *LIMITATION ON NUMBER.*—*The number of individ-*  
21 *uals appointed pursuant to this section at any one time*  
22 *may not exceed 25 individuals.*

23 (d) *NATURE OF APPOINTMENT.*—*Any appointment*  
24 *under this section shall be on a term basis. The term of*  
25 *any such appointment shall be specified by the Secretary*  
26 *at the time of the appointment.*

1 **SEC. 935. DATA ANALYTICS CAPABILITY FOR SUPPORT OF**  
2 **ENHANCED OVERSIGHT AND MANAGEMENT**  
3 **OF THE DEFENSE AGENCIES AND DEPART-**  
4 **MENT OF DEFENSE FIELD ACTIVITIES.**

5 *(a) DATA ANALYTICS CAPABILITY REQUIRED.—*

6 *(1) IN GENERAL.—By not later than September*  
7 *30, 2020, the Deputy Chief Management Officer of the*  
8 *Department of Defense shall establish and maintain*  
9 *within the Department of Defense a data analytics*  
10 *capability for purposes of supporting enhanced over-*  
11 *sight and management of the Defense Agencies and*  
12 *Department of Defense Field Activities.*

13 *(2) DISCHARGE THROUGH SUCCESSOR POSI-*  
14 *TION.—If the position of Deputy Chief Management*  
15 *Officer of the Department of Defense is succeeded by*  
16 *another position in the Department, the duties of the*  
17 *Deputy Chief Management Officer under this section*  
18 *shall be discharged by the occupant of such succeeding*  
19 *position.*

20 *(b) ELEMENTS.—The data analytics capability shall*  
21 *permit the following:*

22 *(1) The maintenance on a continuing basis of an*  
23 *accurate tabulation of the amounts being expended by*  
24 *the Defense Agencies and Department of Defense Field*  
25 *Activities on their personnel.*

1           (2) *The maintenance on a continuing basis of an*  
2 *accurate number of the personnel currently sup-*  
3 *porting the Defense Agencies and Field Activities, in-*  
4 *cluding the following:*

5                   (A) *Members of the regular components of*  
6 *the Armed Forces.*

7                   (B) *Members of the reserve components of*  
8 *the Armed Forces.*

9                   (C) *Civilian employees of the Department of*  
10 *Defense.*

11                   (D) *Employees of contractors of the Depart-*  
12 *ment, including federally funded research and*  
13 *development centers.*

14                   (E) *Detailees, whether from another organi-*  
15 *zation or element of the Department or from an-*  
16 *other department or agency of the Federal Gov-*  
17 *ernment.*

18           (3) *The maintenance of a continuing basis of the*  
19 *following:*

20                   (A) *An identification of the functions being*  
21 *performed by each Defense Agency and Field Ac-*  
22 *tivity.*

23                   (B) *An accurate tabulation of the amounts*  
24 *being expended by each Defense Agency and*  
25 *Field Activity on its functions.*

1           (4) *The streamlined assembly and analysis of*  
2 *data for purposes of the capability, including through*  
3 *appropriate automated processes.*

4           (c) *RESOURCES.—In establishing the data analytics*  
5 *capability, the Deputy Chief Management Officer may use*  
6 *the following:*

7           (1) *Data and information from each of the De-*  
8 *fense Agencies and Department of Defense Field Ac-*  
9 *tivities.*

10          (2) *Data and information from the Defense Man-*  
11 *power Data Center (DMDC).*

12          (3) *Subject to the direction and control of the*  
13 *Secretary of Defense, any other resources of the De-*  
14 *partment the Deputy Chief Management Officer con-*  
15 *siders appropriate.*

16          (d) *REPORTS.—*

17           (1) *INTERIM REPORT.—Not later than one year*  
18 *after the date of the enactment of this Act, the Deputy*  
19 *Chief Management Officer shall submit to the congress-*  
20 *sional defense committees a report on the progress of*  
21 *the Deputy Chief Management Officer in establishing*  
22 *the data analytics capability. The report shall include*  
23 *the following:*

24           (A) *A description and assessment of the ef-*  
25 *forts of the Deputy Chief Management Officer*

1 through the date of the report to establish the  
2 data analytics capability.

3 (B) A description of current gaps in the  
4 data required to establish the data analytics ca-  
5 pability, and a description of the efforts to be  
6 undertaken to eliminate such gaps.

7 (C) Any other matters in connection with  
8 the establishment of the data analytics capability  
9 that the Deputy Chief Management Officer con-  
10 siders appropriate.

11 (2) *FINAL REPORT.*—Not later than December  
12 31, 2020, the Deputy Chief Management Officer shall  
13 submit to the congressional defense committees a re-  
14 port on the data analytics capability as established  
15 pursuant to this section. The report shall include the  
16 following:

17 (A) A description and assessment of the  
18 data analytics capability.

19 (B) Any other matters in connection with  
20 the data analytics capability that the Deputy  
21 Chief Management Officer considers appropriate.

22 **SEC. 936. ENHANCED USE OF DATA ANALYTICS TO IMPROVE**  
23 **ACQUISITION PROGRAM OUTCOMES.**

24 (a) *IN GENERAL.*—Not later than one year after the  
25 date of the enactment of this Act, the Secretary of Defense

1 *shall, acting jointly through the Deputy Chief Management*  
2 *Officer and the Chief Information Officer of the Department*  
3 *of Defense, and in coordination with the Under Secretary*  
4 *of Defense for Acquisition, Technology, and Logistics and*  
5 *the Armed Forces, establish a set of activities that use data*  
6 *analysis, measurement, and other evaluation-related meth-*  
7 *ods to improve the acquisition outcomes of the Department*  
8 *of Defense and enhance organizational learning.*

9 (b) *ACTIVITIES.*—

10 (1) *IN GENERAL.*—*The set of activities estab-*  
11 *lished under subsection (a) may include the following:*

12 (A) *Establishment of data analytics capa-*  
13 *bilities and organizations within the appropriate*  
14 *military service.*

15 (B) *Development of capabilities in Depart-*  
16 *ment of Defense laboratories, test centers, and*  
17 *Federally funded research and development cen-*  
18 *ters to provide technical support for data ana-*  
19 *lytics activities that support acquisition pro-*  
20 *gram management and business process re-engi-*  
21 *neering activities.*

22 (C) *Increased use of existing analytical ca-*  
23 *pabilities available to acquisition programs and*  
24 *offices to support improved acquisition outcomes.*

1           (D) *Funding of intramural and extramural*  
2 *research and development activities to develop*  
3 *and implement data analytics capabilities in*  
4 *support of improved acquisition outcomes.*

5           (E) *Publication, to the maximum extent*  
6 *practicable, and in a manner that protects clas-*  
7 *sified and proprietary information, of data col-*  
8 *lected by the Department related to acquisition*  
9 *program costs and activities for access and anal-*  
10 *yses by the general public.*

11           (F) *Clarification by the Chief of Staff of the*  
12 *Army, the Chief of Naval Operations, the Chief*  
13 *of Staff of the Air Force, and the Commandant*  
14 *of the Marine Corps, in coordination with the*  
15 *Under Secretary of Defense for Acquisition,*  
16 *Technology, and Logistics, of a consistent policy*  
17 *as to the role of data analytics in establishing*  
18 *budgets and making milestone decisions for*  
19 *major defense acquisition programs.*

20           (G) *Continual assessment, in consultation*  
21 *with the private sector, of the efficiency of cur-*  
22 *rent data collection and analyses processes, so as*  
23 *to minimize the requirement for collection and*  
24 *delivery of data by, from, and to government or-*  
25 *ganizations.*

1           (H) *Promulgation of guidance to acquisi-*  
2           *tion programs and activities on the efficient use*  
3           *and sharing of data between programs and orga-*  
4           *nizations to improve acquisition program ana-*  
5           *lytics and outcomes.*

6           (I) *Promulgation of guidance on assessing*  
7           *and enhancing quality of data and data anal-*  
8           *yses to support improved acquisition outcomes.*

9           (2) *GAP ANALYSIS OF CURRENT ACTIVITIES.—*  
10          *The Secretary shall, in coordination with the Armed*  
11          *Forces, identify the current activities, organizations,*  
12          *and groups of personnel that are pursuing tasks simi-*  
13          *lar to those described in paragraph (1) that are being*  
14          *carried out as of the date of the enactment of this Act.*  
15          *The Secretary shall consider such current activities,*  
16          *organizations, and personnel in determining the set of*  
17          *activities to establish pursuant to subsection (a).*

18          (3) *TRAINING AND EDUCATION.—The Secretary*  
19          *shall, acting through the Under Secretary of Defense*  
20          *for Acquisition, Technology, and Logistics, conduct a*  
21          *review of the curriculum taught at the National De-*  
22          *fense University, the Defense Acquisition University,*  
23          *and appropriate private sector academic institutions*  
24          *to determine the extent to which the curricula include*  
25          *appropriate courses on data analytics and other eval-*

1        *uation-related methods and their application to de-*  
2        *fense acquisitions.*

3        *(c) DISCHARGE OF CERTAIN DUTIES.—After January*  
4        *31, 2018—*

5                *(1) any duties under this section to be discharged*  
6        *by the Deputy Chief Management Officer of the De-*  
7        *partment of Defense shall be discharged by the Chief*  
8        *Management Officer of the Department of Defense;*  
9        *and*

10               *(2) any duties under this section to be discharged*  
11        *by the Under Secretary of Defense for Acquisition,*  
12        *Technology, and Logistics shall be discharged by the*  
13        *Under Secretary of Defense for Acquisition and*  
14        *Sustainment.*

15        **SEC. 937. PILOT PROGRAMS ON DATA INTEGRATION STRAT-**  
16                **EGIES FOR THE DEPARTMENT OF DEFENSE.**

17        *(a) PILOT PROGRAMS REQUIRED.—The Secretary of*  
18        *Defense shall, acting through the Chief Management Officer*  
19        *of the Department of Defense, carry out pilot programs to*  
20        *develop data integration strategies for the Department of*  
21        *Defense to address high-priority challenges of the Depart-*  
22        *ment.*

23        *(b) SCOPE OF PILOT PROGRAMS.—The pilot programs*  
24        *required by subsection (a) shall involve data integration*

1 *strategies to address challenges of the Department with re-*  
2 *spect to the following:*

3           (1) *The budget of the Department.*

4           (2) *Logistics.*

5           (3) *Personnel security and insider threats.*

6           (4) *At least two other high-priority challenges of*  
7 *the Department identified by the Secretary for pur-*  
8 *poses of this section.*

9           (c) *ELEMENTS.*—*In developing a data integration*  
10 *strategy to address a challenge of the Department for pur-*  
11 *poses of a pilot program under this section, the Secretary*  
12 *shall do the following:*

13           (1) *Identify the elements of the Department, and*  
14 *the officials of such elements, to be involved in car-*  
15 *rying out the data integration strategy.*

16           (2) *Specify the elements of the data integration*  
17 *strategy.*

18           (3) *Specify the policies of the Department, if*  
19 *any, to be modified or waived in order to facilitate*  
20 *the carrying out of the data integration strategy by*  
21 *enabling timely and continuous sharing of informa-*  
22 *tion needed to solve the challenge concerned.*

23           (d) *REPORT.*—

24           (1) *IN GENERAL.*—*Not later than 180 days after*  
25 *the date of the enactment of this Act, the Secretary*

1 shall submit to the congressional defense committees a  
2 report on the pilot programs to be carried out under  
3 this section.

4 (2) *ELEMENTS.*—The report shall include the fol-  
5 lowing:

6 (A) A description of each pilot program, in-  
7 cluding the challenge of the Department to be ad-  
8 dressed by such pilot program and the manner  
9 in which the data integration strategy under  
10 such pilot program will address the challenge.

11 (B) If the carrying out of any pilot pro-  
12 gram requires legislative action for the waiver or  
13 modification of a statutory requirement that pre-  
14 vents or impedes the carrying out of the pilot  
15 program, a recommendation for legislative action  
16 to waive or modify such statutory requirement.

17 **SEC. 938. BACKGROUND AND SECURITY INVESTIGATIONS**  
18 **FOR DEPARTMENT OF DEFENSE PERSONNEL.**

19 (a) *TRANSITION TO DISCHARGE BY DEFENSE SECU-*  
20 *RITY SERVICE.*—

21 (1) *IN GENERAL.*—The Secretary of Defense has  
22 the authority to conduct security, suitability, and  
23 credentialing background investigations. In carrying  
24 out such authority, the Secretary may use such au-  
25 thority, or may delegate such authority to another en-

1 *tity. As part of providing for the conduct of back-*  
2 *ground investigations initiated by the Department of*  
3 *Defense through the Defense Security Service by not*  
4 *later than the deadline specified in subsection (b), the*  
5 *Secretary shall, in consultation with the Director of*  
6 *the Office of Personnel Management, provide for a*  
7 *phased transition from the conduct of such investiga-*  
8 *tions by the National Background Investigations Bu-*  
9 *reau (NBIB) of the Office of Personnel Management*  
10 *to the conduct of such investigations by the Defense*  
11 *Security Service by that deadline.*

12 (2) *PHASED TRANSITION.—The phased transi-*  
13 *tion required by paragraph (1) shall—*

14 (A) *provide for the transition of the conduct*  
15 *of investigations to the Defense Security Service*  
16 *using a risk management approach; and*

17 (B) *be consistent with the transition from*  
18 *legacy information technology operated by the*  
19 *Office of Personnel Management to the new in-*  
20 *formation technology, including the National*  
21 *Background Investigations System, as described*  
22 *in subsection (f).*

23 (b) *COMMENCEMENT OF IMPLEMENTATION PLAN FOR*  
24 *ONGOING DISCHARGE OF INVESTIGATIONS THROUGH*  
25 *DSS.—Not later than October 1, 2020, the Secretary of De-*

1 *fense shall commence carrying out the implementation plan*  
2 *developed pursuant to section 951(a)(1) of the National De-*  
3 *fense Authorization Act for Fiscal Year 2017 (Public Law*  
4 *114–328; 130 Stat. 2371).*

5 *(c) TRANSFER OF CERTAIN FUNCTIONS WITHIN DoD*  
6 *TO DSS.—*

7 *(1) IN GENERAL.—For purposes of meeting the*  
8 *requirements in subsections (a) and (b), the Secretary*  
9 *of Defense shall transfer the functions, personnel, and*  
10 *associated resources of the organizations specified in*  
11 *paragraph (2) to the Defense Security Service.*

12 *(2) ORGANIZATIONS.—The organizations speci-*  
13 *fied in this paragraph are the following:*

14 *(A) The Consolidated Adjudications Facil-*  
15 *ity.*

16 *(B) The Personnel Security Assurance Divi-*  
17 *sion of the Defense Manpower Data Center.*

18 *(C) Other organizations identified by the*  
19 *Secretary for purposes of this subsection.*

20 *(3) SUPPORTING ORGANIZATIONS.—In addition*  
21 *to the organizations identified pursuant to (2), the*  
22 *following organizations shall prioritize resources to*  
23 *directly support the execution of requirements in sub-*  
24 *sections (a) and (b):*

1           (A) *The Office of Cost Analysis and Pro-*  
2           *gram Evaluation.*

3           (B) *The Defense Digital Services.*

4           (C) *Other organizations designated by the*  
5           *Secretary for purposes of this paragraph.*

6           (4) *TIMING AND MANNER OF TRANSFER.—The*  
7           *Secretary—*

8                   (A) *may carry out the transfer required by*  
9                   *paragraph (1) at any time before the date speci-*  
10                   *fied in subsection (b) that the Secretary considers*  
11                   *appropriate for purposes of this section; and*

12                   (B) *shall carry out the transfer in a man-*  
13                   *ner designed to minimize disruptions to the con-*  
14                   *duct of background investigations for personnel*  
15                   *of the Department of Defense.*

16           (d) *TRANSFER OF CERTAIN FUNCTIONS IN OPM TO*  
17           *DSS.—*

18                   (1) *IN GENERAL.—For purposes of meeting the*  
19                   *requirements in subsections (a) and (b), the Secretary*  
20                   *of Defense shall, in consultation with the Director of*  
21                   *the Office of Personnel Management, provide for the*  
22                   *transfer of the functions described in paragraph (2),*  
23                   *and any associated personnel and resources, to the*  
24                   *Department of Defense.*

1           (2) *FUNCTIONS.*—*The functions described in this*  
2 *paragraph are the following:*

3           (A) *Any personnel security investigations*  
4 *functions transferred by the Secretary to the Di-*  
5 *rector pursuant to section 906 of the National*  
6 *Defense Authorization Act for Fiscal Year 2004*  
7 *(5 U.S.C. 1101 note).*

8           (B) *Any other functions of the Office of Per-*  
9 *sonnel Management in connection with back-*  
10 *ground investigations initiated by the Depart-*  
11 *ment of Defense that the Secretary and the Di-*  
12 *rector jointly consider appropriate.*

13          (3) *LOCATION WITHIN DOD.*—*Any functions*  
14 *transferred to the Department pursuant to this sub-*  
15 *section shall be located within the Defense Security*  
16 *Service.*

17          (e) *CONDUCT OF CERTAIN ACTIONS.*—*For purposes of*  
18 *the conduct of background investigations following the com-*  
19 *mencement of the carrying out of the implementation plan*  
20 *referred to in subsection (b), the Secretary of Defense shall*  
21 *provide for the following:*

22           (1) *A single capability for the centralized fund-*  
23 *ing, submissions, and processing of all background in-*  
24 *vestigations, from within the Defense Security Serv-*  
25 *ice.*

1           (2) *The discharge by the Consolidated Adjudica-*  
2           *tions Facility, from within the Defense Security Serv-*  
3           *ice pursuant to transfer under subsection (c), of adju-*  
4           *dications in connection with the following:*

5                     (A) *Background investigations.*

6                     (B) *Continuous evaluation and vetting*  
7           *checks.*

8           (f) *ENHANCEMENT OF INFORMATION TECHNOLOGY CA-*  
9           *PABILITIES OF NBIS.—*

10           (1) *IN GENERAL.—The Secretary of Defense*  
11           *shall, in consultation with the Director of the Office*  
12           *of Personnel Management, conduct a review of the in-*  
13           *formation technology capabilities of the National*  
14           *Background Investigations System (NBIS) in order to*  
15           *determine whether enhancements to such capabilities*  
16           *are required for the following:*

17                     (A) *Support for background investigations*  
18           *pursuant to this section and section 951 of the*  
19           *National Defense Authorization Act for Fiscal*  
20           *Year 2017.*

21                     (B) *Support of the National Background*  
22           *Investigations Bureau.*

23                     (C) *Execution of the conduct of background*  
24           *investigations initiated by the Department of*

1           *Defense pursuant to this section, including sub-*  
2           *missions and adjudications.*

3           (2) *COMMON COMPONENT.*—*In providing for the*  
4           *transition and operation of the System as described*  
5           *in paragraph (1)(C), the Secretary shall, in consulta-*  
6           *tion with the Director, develop a common component*  
7           *of the System usable for background investigations by*  
8           *both the Defense Security Service and the National*  
9           *Background Investigations Bureau.*

10          (3) *ENHANCEMENTS.*—*If the review pursuant to*  
11          *paragraph (1) determines that enhancements de-*  
12          *scribed in that paragraph are required, the Secretary*  
13          *shall, in consultation with the Director, carry out*  
14          *such enhancements.*

15          (g) *USE OF CERTAIN PRIVATE INDUSTRY DATA.*—*In*  
16          *carrying out background and security investigations pursu-*  
17          *ant to this section and section 951 of the National Defense*  
18          *Authorization Act for Fiscal Year 2017, the Secretary of*  
19          *Defense may use background materials collected on individ-*  
20          *uals by the private sector, in accordance with national poli-*  
21          *cies and standards, that are applicable to such investiga-*  
22          *tions, including materials as follows:*

23                 (1) *Financial information, including credit*  
24                 *scores and credit status.*

25                 (2) *Criminal records.*

1           (3) *Drug screenings.*

2           (4) *Verifications of information on resumes and*  
3 *employment applications (such as previous employers,*  
4 *educational achievement, and educational institutions*  
5 *attended).*

6           (5) *Other publicly available electronic informa-*  
7 *tion.*

8           (h) *SECURITY CLEARANCES FOR CONTRACTOR PER-*  
9 *SONNEL.—*

10           (1) *IN GENERAL.—The Secretary of Defense shall*  
11 *review the requirements of the Department of Defense*  
12 *relating to position sensitivity designations for con-*  
13 *tractor personnel in order to determine whether such*  
14 *requirements may be reassessed or modified to reduce*  
15 *the number and range of contractor personnel who are*  
16 *issued security clearances in connection with work*  
17 *under contracts with the Department.*

18           (2) *GUIDANCE.—The Secretary shall issue guid-*  
19 *ance to program managers, contracting officers, and*  
20 *security personnel of the Department specifying re-*  
21 *quirements for the review of contractor position sensi-*  
22 *tivity designations and the number of contractor per-*  
23 *sonnel of the Department who are issued security*  
24 *clearances for the purposes of determining whether the*

1        *number of such personnel who are issued security*  
2        *clearances should and can be reduced.*

3        *(i) PERSONNEL TO SUPPORT THE TRANSFER OF*  
4        *FUNCTIONS.—The Secretary of Defense shall authorize the*  
5        *Director of the Defense Security Service to promptly in-*  
6        *crease personnel for the purpose of beginning the establish-*  
7        *ment and expansion of investigative capacity to support the*  
8        *phased transfer of investigative functions from the Office*  
9        *of Personnel Management to the Department of Defense*  
10       *under this section. The Director of Cost Analysis and Pro-*  
11       *gram Assessment shall advise the Secretary on the size of*  
12       *the initial investigative workforce and the rate of growth*  
13       *of that workforce.*

14       *(j) BRIEFINGS AND REPORTS.—*

15                *(1) REPORT ON FUTURE PERIODIC REINVESTIGA-*  
16                *TIONS, INSIDER THREAT, AND CONTINUOUS VET-*  
17                *TING.—Not later than 90 days after the date of the*  
18                *enactment of this Act, the Secretary of Defense shall,*  
19                *in consultation with the Director of National Intel-*  
20                *ligence and the Director of the Office of Personnel*  
21                *Management, submit to Congress a report that in-*  
22                *cludes the following:*

23                        *(A) An assessment of the feasibility and ad-*  
24                        *visability of periodic reinvestigations of back-*

1           *grounds of Government and contractor personnel*  
2           *with security clearances.*

3           *(B) A plan to provide the Government with*  
4           *an enhanced risk management model which re-*  
5           *duces the gaps in coverage perpetuated by the*  
6           *current time-based periodic reinvestigations*  
7           *model, particularly in light of the increasing use*  
8           *of continuous background evaluations of such*  
9           *personnel.*

10          *(C) A plan for expanding continuous back-*  
11          *ground vetting capabilities such as the Installa-*  
12          *tion Matching Engine for Security and Analysis*  
13          *to the broader population, including those at the*  
14          *lowest Tiers and levels of access, which plan shall*  
15          *include details to ensure that all individuals*  
16          *credentialed for physical access to Department of*  
17          *Defense facilities and installations are vetted to*  
18          *the same level of fitness determinations and sub-*  
19          *ject to appropriate continuous vetting.*

20          *(D) A plan to fully integrate and incor-*  
21          *porate insider threat data, tools, and capabilities*  
22          *into the new end-to-end vetting processes and*  
23          *supporting information technology established by*  
24          *the Defense Security Service to ensure a holistic*  
25          *and transformational approach to detecting, de-*

1           *tering, and mitigating threats posed by trusted*  
2           *insiders.*

3           (2) *QUARTERLY BRIEFINGS.*—*Not later than the*  
4           *end of each calendar year quarter after the date of the*  
5           *enactment of this Act, the Secretary of Defense shall*  
6           *provide the Committees on Armed Services of the Sen-*  
7           *ate and the House of Representatives a briefing on the*  
8           *progress of the Secretary in carrying out the require-*  
9           *ments of this section during such calendar year quar-*  
10          *ter. Until the backlog of security clearance applica-*  
11          *tions at the National Background Investigations Bu-*  
12          *reau is eliminated, each quarterly briefing shall also*  
13          *include the current status of the backlog and the re-*  
14          *sulting mission and resource impact to the Depart-*  
15          *ment of Defense and the defense industrial base.*

16          (3) *ANNUAL REPORTS.*—*Not later than the end of*  
17          *each calendar year after the date of the enactment of*  
18          *this Act, the Secretary shall submit to the committees*  
19          *of Congress referred to in paragraph (2) a report on*  
20          *the following for the calendar year in which such re-*  
21          *port is to be submitted:*

22                  (A) *The status of the Secretary in meeting*  
23                  *the requirements in subsections (a), (b), and (c)*  
24                  *as of the end of such calendar year.*

1           (B) *The status as of the end of such cal-*  
 2           *endar year of any transfers to be carried out*  
 3           *pursuant to subsection (d).*

4           (C) *An assessment of the personnel security*  
 5           *capabilities of the Department of Defense as of*  
 6           *the end of such calendar year.*

7           (4) *TERMINATION.*—*No briefing or report is re-*  
 8           *quired pursuant to paragraph (2) or (3) after Decem-*  
 9           *ber 31, 2020.*

## 10           ***Subtitle D—Other Matters***

### 11   ***SEC. 951. TRANSFER OF LEAD OF GUAM OVERSIGHT COUN-*** 12           ***CIL FROM THE DEPUTY SECRETARY OF DE-*** 13           ***FENSE TO THE SECRETARY OF THE NAVY.***

14           (a) *TRANSFER.*—*Section 5013 of title 10, United*  
 15           *States Code, is amended by adding at the end the following*  
 16           *new subsection:*

17           “(h) *Until September 30, 2020, the Secretary of the*  
 18           *Navy shall lead the Guam Oversight Council and shall be*  
 19           *the principal representative of the Department of Defense*  
 20           *for coordinating the interagency efforts in matters relating*  
 21           *to Guam, including the following executive orders:*

22           “(1) *Executive Order No. 13299 of May 12, 2003*  
 23           *(68 Fed. Reg. 25477; 48 U.S.C. note prec. 1451; relat-*  
 24           *ing to the Interagency Group on Insular Affairs).*



1       “(b) *QUALIFICATIONS.*—Any individual designated as  
2 a corrosion control and prevention executive of a military  
3 department pursuant to subsection (a) shall—

4               “(1) have a working knowledge of corrosion pre-  
5 vention and control;

6               “(2) have strong program management and com-  
7 munication skills; and

8               “(3) understand the acquisition, research, devel-  
9 opment, test, and evaluation, and sustainment poli-  
10 cies and procedures of the military department, in-  
11 cluding for the sustainment of infrastructure.”.

12 **SEC. 953. REQUIREMENT FOR NATIONAL LANGUAGE SERV-**  
13 **ICE CORPS.**

14       (a) *IN GENERAL.*—Subsection (a)(1) of 813 of the  
15 David L. Boren National Security Education Act of 1991  
16 (50 U.S.C. 1913) is amended by striking “may establish  
17 and maintain” and inserting “shall establish and main-  
18 tain”.

19       (b) *CONFORMING AMENDMENT.*—Subsection (b) of such  
20 section is amended by striking “If the Secretary establishes  
21 the Corps, the Secretary” and inserting “The Secretary”.

22 **TITLE X—GENERAL PROVISIONS**  
23 **Subtitle A—Financial Matters**

24 **SEC. 1001. GENERAL TRANSFER AUTHORITY.**

25       (a) *AUTHORITY TO TRANSFER AUTHORIZATIONS.*—

1           (1) *AUTHORITY.*—Upon determination by the  
2           Secretary of Defense that such action is necessary in  
3           the national interest, the Secretary may transfer  
4           amounts of authorizations made available to the De-  
5           partment of Defense in this division for fiscal year  
6           2018 between any such authorizations for that fiscal  
7           year (or any subdivisions thereof). Amounts of au-  
8           thorizations so transferred shall be merged with and  
9           be available for the same purposes as the authoriza-  
10          tion to which transferred.

11          (2) *LIMITATION.*—Except as provided in para-  
12          graph (3), the total amount of authorizations that the  
13          Secretary may transfer under the authority of this  
14          section may not exceed \$4,000,000,000.

15          (3) *EXCEPTION FOR TRANSFERS BETWEEN MILI-*  
16          *TARY PERSONNEL AUTHORIZATIONS.*—A transfer of  
17          funds between military personnel authorizations  
18          under title IV shall not be counted toward the dollar  
19          limitation in paragraph (2).

20          (b) *LIMITATIONS.*—The authority provided by sub-  
21          section (a) to transfer authorizations—

22                 (1) may only be used to provide authority for  
23                 items that have a higher priority than the items from  
24                 which authority is transferred; and

1           (2) may not be used to provide authority for an  
2           item that has been denied authorization by Congress.

3           (c) *EFFECT ON AUTHORIZATION AMOUNTS.*—A trans-  
4           fer made from one account to another under the authority  
5           of this section shall be deemed to increase the amount au-  
6           thorized for the account to which the amount is transferred  
7           by an amount equal to the amount transferred.

8           (d) *NOTICE TO CONGRESS.*—The Secretary shall  
9           promptly notify Congress of each transfer made under sub-  
10          section (a).

11 **SEC. 1002. CALCULATIONS FOR PAYMENTS INTO DEPART-**  
12                           **MENT OF DEFENSE MILITARY RETIREMENT**  
13                           **FUND USING SINGLE LEVEL PERCENTAGE OF**  
14                           **BASIC PAY DETERMINED ON ARMED FORCE-**  
15                           **WIDE RATHER THAN ARMED FORCES-WIDE**  
16                           **BASIS.**

17          Section 1465 of title 10, United States Code, is amend-  
18          ed—

19           (1) in subsection (c)(1), in the flush matter at  
20           the end of paragraph (1), by striking “Such single  
21           level” and inserting “Except as otherwise provided in  
22           subsection (d), such single level”;

23           (2) by redesignating subsections (d) and (e) as  
24           subsections (e) and (f), respectively; and

1           (3) by inserting after subsection (c) the following  
2           new subsection (d):

3           “(d)(1) Notwithstanding subsection (c), in any actu-  
4           arial valuation of Department of Defense military retire-  
5           ment and survivor benefits programs for purposes of a fiscal  
6           year beginning after fiscal year 2018—

7           “(A) the determination made pursuant to sub-  
8           section (c)(1)(A) shall be a single level percentage of  
9           basic pay for active duty for each armed force (other  
10          than the Coast Guard) and for each of the Army Na-  
11          tional Guard and the Air National Guard for full-  
12          time National Guard duty (rather than the single  
13          level percentage of basic pay otherwise required by  
14          that subsection); and

15          “(B) the determination made pursuant to sub-  
16          section (c)(1)(B) shall be a single level percentage of  
17          basic pay and of compensation for members of the Se-  
18          lected Reserve of each armed force (other than the  
19          Coast Guard) (rather than the single level percentage  
20          of basic pay and of compensation otherwise required  
21          by that subsection).

22          “(2) In making calculations for purposes of subsection  
23          (b)(1) for fiscal years after fiscal year 2018—

24          “(A) the Secretary of Defense—

1           “(i) shall not use the single level percentage  
2 of basic pay determined under subsection  
3 (c)(1)(A) as provided for in subsection  
4 (b)(1)(A)(i); but

5           “(i) shall use for purposes of subsection  
6 (b)(1)(A)(i) each separate single level percentage  
7 of basic pay determined under paragraph (1)(A)  
8 for each armed force and for each of the Army  
9 National Guard and the Air National Guard;  
10 and

11          “(B) the Secretary of Defense—

12           “(i) shall not use the single level percentage  
13 of basic pay and of compensation determined  
14 under subsection (c)(1)(B) as provided for in  
15 subsection (b)(1)(B)(i); but

16           “(i) shall use for purposes of subsection  
17 (b)(1)(B)(i) each separate single level percentage  
18 of basic pay and of compensation determined  
19 under paragraph (1)(B) for each armed force.

20          “(3) In making calculations for purposes of section  
21 1466(a) of this title for purposes of deposits into the Fund  
22 for months in fiscal years after fiscal year 2018—

23          “(A) the Secretary of Defense—

24           “(i) shall not use the single level percentage  
25 of basic pay determined under subsection

1           (c)(1)(A) as provided for in section  
2           1466(a)(1)(A) of this title; but

3           “(i) shall use for purposes of section  
4           1466(a)(1)(A) of this title each separate single  
5           level percentage of basic pay determined under  
6           paragraph (1)(A) for each armed force and for  
7           each of the Army National Guard and the Air  
8           National Guard; and

9           “(B) the Secretary of Defense—

10           “(i) shall not use the single level percentage  
11           of basic pay and of compensation determined  
12           under subsection (c)(1)(B) as provided for in sec-  
13           tion 1466(a)(2)(A) of this title; but

14           “(i) shall use for purposes of section  
15           1466(a)(2)(A) each separate single level percent-  
16           age of basic pay and of compensation determined  
17           under paragraph (1)(B) for each armed force.”.

18 **SEC. 1003. CERTIFICATIONS ON AUDIT READINESS OF THE**  
19           **DEPARTMENT OF DEFENSE AND THE MILI-**  
20           **TARY DEPARTMENTS, DEFENSE AGENCIES,**  
21           **AND OTHER ORGANIZATIONS AND ELEMENTS**  
22           **OF THE DEPARTMENT OF DEFENSE.**

23           (a) DEPARTMENT OF DEFENSE.—Not later than Sep-  
24           tember 30, 2017, and each year thereafter, the Secretary  
25           of Defense shall certify to the congressional defense commit-

1 *tees whether or not the full financial statements of the De-*  
2 *partment of Defense are audit ready as of the date of such*  
3 *certification.*

4 (b) *MILITARY DEPARTMENTS, DEFENSE AGENCIES,*  
5 *AND OTHER ORGANIZATIONS AND ELEMENTS.—*

6 (1) *IN GENERAL.—Not later than September 30,*  
7 *2017, and each year thereafter, each Secretary of a*  
8 *military department, each head of a Defense Agency,*  
9 *and each head of any other organization or element*  
10 *of the Department of Defense designated by the Sec-*  
11 *retary of Defense for purposes of this subsection shall*  
12 *certify to the congressional defense committees whether*  
13 *or not the full financial statements of the military de-*  
14 *partment, the Defense Agency, or the organization or*  
15 *element concerned became audit ready during the fis-*  
16 *cal year in which such certification is to be sub-*  
17 *mitted.*

18 (2) *TRANSMITTAL THROUGH SECRETARY OF DE-*  
19 *FENSE.—The individual certifications required by*  
20 *this subsection shall be transmitted to the congres-*  
21 *sional defense committees collectively by the Secretary*  
22 *under procedures established by the Secretary for pur-*  
23 *poses of this subsection.*

24 (c) *TERMINATION ON RECEIPT OF AUDIT OPINION ON*  
25 *FULL FINANCIAL STATEMENTS.—A certification is no*

1 longer required under subsection (a) or (b) with respect to  
2 the Department of Defense, or a military department, De-  
3 fense Agency, or organization or element of the Department,  
4 as applicable, after the Department of Defense or such mili-  
5 tary department, Defense Agency, or organization or ele-  
6 ment receives an audit opinion on its full financial state-  
7 ments.

8 (d) *AUDIT READY DEFINED.*—In this section, the term  
9 “audit ready”, with respect to the full financial statements  
10 of the Department of Defense, a military department, a De-  
11 fense Agency, or another organization or element of the De-  
12 partment of Defense, means that the Department of Defense,  
13 the military department, the Defense Agency, or the organi-  
14 zation or element has in place critical audit capabilities  
15 and associated infrastructure to successfully start and sup-  
16 port a financial audit of its full financial statements.

17 **SEC. 1004. FAILURE TO OBTAIN AUDIT OPINION ON FISCAL**  
18 **YEAR FULL FINANCIAL STATEMENTS OF THE**  
19 **DEPARTMENT OF DEFENSE.**

20 (a) *REDUCTION IN BASIC PAY OF MILITARY SECRE-*  
21 *TARIES FOR FAILURE TO OBTAIN AUDIT OPINION ON FULL*  
22 *FINANCIAL STATEMENTS FOR FISCAL YEARS 2018 AND*  
23 *THEREAFTER.*—If the Department of Defense does not ob-  
24 tain an audit opinion on its full financial statements for  
25 fiscal year 2018, or any fiscal year thereafter, by March

1 31 of the succeeding calendar year, the annual rate of basic  
2 pay payable for each Secretary of a military department  
3 for the calendar year next following such succeeding cal-  
4 endar year shall be the annual rate of basic pay for posi-  
5 tions at level III of the Executive Schedule pursuant to sec-  
6 tion 5313 of title 5, United States Code, rather than the  
7 annual rate of basic pay otherwise provided for the posi-  
8 tions of Secretary of a military department by law.

9 (b) REVIEW AND RECOMMENDATIONS ON EFFORTS TO  
10 OBTAIN AUDIT OPINION ON FULL FINANCIAL STATEMENTS  
11 FOR FISCAL YEAR 2018 BY MARCH 31, 2019.—

12 (1) IN GENERAL.—If the Department does not  
13 obtain an audit opinion on its full financial state-  
14 ments for fiscal year 2018 by March 31, 2019, the  
15 Secretary of Defense shall establish within the De-  
16 partment a team of distinguished, private sector ex-  
17 perts with experience conducting financial audits of  
18 large public or private sector organizations to review  
19 and make recommendations to improve the efforts of  
20 the Department to obtain an audit opinion on its full  
21 financial statements.

22 (2) SCOPE OF ACTIVITIES.—The team established  
23 pursuant to paragraph (1) shall—

24 (A) identify impediments to the progress of  
25 the Department in obtaining an audit opinion

1            *on its full financial statements, including an*  
2            *identification of the organizations or elements*  
3            *that are lagging in their efforts toward obtaining*  
4            *such audit opinion;*

5            *(B) estimate when an audit opinion on the*  
6            *full financial statements of the Department will*  
7            *be obtained; and*

8            *(C) consider mechanisms and incentives to*  
9            *support efficient achievement by the Department*  
10           *of its audit goals, including organizational*  
11           *mechanisms to transfer direction and manage-*  
12           *ment control of audit activities from subordinate*  
13           *organizations to the Office of the Secretary of*  
14           *Defense, individual personnel incentives, work-*  
15           *force improvements (including in senior leader-*  
16           *ship positions), business process, technology, and*  
17           *systems improvements (including the use of data*  
18           *analytics), and metrics by which the Secretary*  
19           *and Congress may measure and assess progress*  
20           *toward achievement of the audit goals of the De-*  
21           *partment.*

22           *(3) REPORT.—If the Secretary takes action pur-*  
23           *suant to paragraph (1), the Secretary shall, not later*  
24           *than September 30, 2019, submit to the congressional*  
25           *defense committees a report on the team established*

1       *pursuant to that paragraph, including a description*  
2       *of the actions taken and to be taken by the team pur-*  
3       *suant to paragraph (2).*

4       **SEC. 1005. IMPROPER PAYMENT MATTERS.**

5       *Subject to the authority, direction, and control of the*  
6       *Secretary of Defense, the Under Secretary of Defense*  
7       *(Comptroller) shall take the following actions:*

8               (1) *With regard to estimating improper pay-*  
9       *ments:*

10                   (A) *Establish and implement key quality*  
11                   *assurance procedures, such as reconciliations, to*  
12                   *ensure the completeness and accuracy of sampled*  
13                   *populations.*

14                   (B) *Revise the procedures for the sampling*  
15                   *methodologies of the Department of Defense so*  
16                   *that such procedures—*

17                               (i) *comply with Office of Management*  
18                               *and Budget guidance and generally accept-*  
19                               *ed statistical standards;*

20                               (ii) *produce statistically valid im-*  
21                               *proper payment error rates, statistically*  
22                               *valid improper payment dollar estimates,*  
23                               *and appropriate confidence intervals for*  
24                               *both; and*

1                   (iii) in meeting clauses (i) and (ii),  
2                   take into account the size and complexity of  
3                   the transactions being sampled.

4                   (2) With regard to identifying programs suscep-  
5                   tible to significant improper payments, conduct a risk  
6                   assessment that complies with the *Improper Payments*  
7                   *Elimination and Recovery Act of 2010 (Public Law*  
8                   *111–204)* and the amendments made by that Act (in  
9                   this section collectively referred to as “*IPERA*”).

10                  (3) With regard to reducing improper payments,  
11                  establish procedures that produce corrective action  
12                  plans that—

13                         (A) comply fully with *IPERA* and associ-  
14                         ated Office of Management and Budget guidance,  
15                         including by holding individuals responsible for  
16                         implementing corrective actions and monitoring  
17                         the status of corrective actions; and

18                         (B) are in accordance with best practices,  
19                         such as those recommended by the Chief Finan-  
20                         cial Officers Council, including by providing  
21                         for—

22                                 (i) measurement of the progress made  
23                                 toward remediating root causes of improper  
24                                 payments; and

1                   (ii) communication to the Secretary of  
2                   Defense and the heads of departments, agen-  
3                   cies, and organizations and elements of the  
4                   Department of Defense, and key stake-  
5                   holders, on the progress made toward reme-  
6                   diating the root causes of improper pay-  
7                   ments.

8                   (4) With regard to implementing recovery audits  
9                   for improper payments, develop and implement proce-  
10                  dures to—

11                   (A) identify costs related to the recovery au-  
12                   dits and recovery efforts of the Department of  
13                   Defense; and

14                   (B) evaluate improper payment recovery ef-  
15                   forts in order to ensure that they are cost effec-  
16                   tive.

17                   (5) Monitor the implementation of the revised  
18                   chapter of the Financial Management Regulations on  
19                   recovery audits in order to ensure that the Depart-  
20                   ment of Defense, the military departments, the De-  
21                   fense Agencies, and the other organizations and ele-  
22                   ments of the Department of Defense either conduct re-  
23                   covery audits or demonstrate that it is not cost effec-  
24                   tive to do so.

1           (6) *Develop and submit to the Office of Manage-*  
2 *ment and Budget for approval a payment recapture*  
3 *audit plan that fully complies with Office of Manage-*  
4 *ment and Budget guidance.*

5           (7) *With regard to reporting on improper pay-*  
6 *ments, design and implement procedures to ensure*  
7 *that the annual improper payment and recovery*  
8 *audit reporting of the Department of Defense is com-*  
9 *plete, accurate, and complies with IPERA and associ-*  
10 *ated Office of Management and Budget guidance.*

11 **SEC. 1006. FINANCIAL OPERATIONS DASHBOARD FOR THE**  
12 **DEPARTMENT OF DEFENSE.**

13 (a) *FINANCIAL OPERATIONS DASHBOARD.—*

14           (1) *IN GENERAL.—The Under Secretary of De-*  
15 *fense (Comptroller) shall develop and maintain on an*  
16 *Internet website available to Federal Government*  
17 *agencies a tool (commonly referred to as a “dash-*  
18 *board)” to permit Federal Government officials to*  
19 *track key indicators of the financial performance of*  
20 *the Department of Defense, including outstanding ac-*  
21 *counts payable, abnormal accounts payable, out-*  
22 *standing advances, unmatched disbursements, abnor-*  
23 *mal undelivered orders, negative unliquidated obliga-*  
24 *tions, violations of sections 1341 and 1517(a) of title*  
25 *31, United States Code (commonly referred to as the*

1       *“Anti-Deficiency Act”*), costs deriving from payment  
2       *delays, interest penalty payments, and improper pay-*  
3       *ments, and actual savings realized through interest*  
4       *payments made, discounts for timely or advanced*  
5       *payments, and other financial management and im-*  
6       *provement initiatives.*

7           (2) *INFORMATION COVERED.*—*The tool shall*  
8       *cover financial performance information for the mili-*  
9       *tary departments, the defense agencies, and any other*  
10       *organizations or elements of the Department of De-*  
11       *fense.*

12           (3) *TRACKING OF PERFORMANCE OVER TIME.*—  
13       *The tool shall permit the tracking of financial per-*  
14       *formance over time, including by month, quarter, and*  
15       *year, and permit users of the tool to export both cur-*  
16       *rent and historical data on financial performance.*

17           (4) *UPDATES.*—*The information covered by the*  
18       *tool shall be updated not less frequently than monthly.*

19           (b) *ANNUAL REPORT ON VALUE CREATED BY IM-*  
20       *PROVED FINANCIAL MANAGEMENT.*—*Not later than Decem-*  
21       *ber 31 each year, the Secretary of Defense shall submit to*  
22       *Congress a report setting forth, for each military depart-*  
23       *ment, defense agency, and other organization or element of*  
24       *the Department of Defense, the following:*

1           (1) *A description of the value, if any, that ac-*  
2           *crued as a result of improved financial management*  
3           *and related cost-savings initiatives during the most*  
4           *recent fiscal year.*

5           (2) *A description of the manner in which such*  
6           *value, if any, was applied, and will be applied, to*  
7           *provide mission value.*

8           (3) *A target for the savings to be achieved as a*  
9           *result of improved financial management and related*  
10          *cost-savings initiatives during the fiscal year in*  
11          *which such report is submitted.*

12 **SEC. 1007. COMPTROLLER GENERAL OF THE UNITED**  
13                   **STATES RECOMMENDATIONS ON AUDIT CAPA-**  
14                   **BILITIES AND INFRASTRUCTURE AND RE-**  
15                   **LATED MATTERS.**

16          (a) *BI-MONTHLY SUMMARY OF STATUS OF AUDIT COR-*  
17          *RECTIVE ACTION PLAN.*—*The Under Secretary of Defense*  
18          *(Comptroller) shall assemble on a bi-monthly basis a man-*  
19          *agement summary of the current status of actions under*  
20          *the consolidated audit corrective action plan (CAP) with*  
21          *respect to the critical audit capabilities and associated in-*  
22          *frastructure of the Department of Defense, the military de-*  
23          *partments, the Defense Agencies, and other organizations*  
24          *and elements of the Department of Defense.*

1       (b) *CENTRALIZED MONITORING AND REPORTING*  
2 *PROCESS.*—*The Under Secretary of Defense (Comptroller)*  
3 *shall develop and implement a centralized monitoring and*  
4 *reporting process that captures and maintains up-to-date*  
5 *information, including the standard data elements rec-*  
6 *ommended in the Implementation Guide for OMB Circular*  
7 *A–123, for all corrective action plans Department of De-*  
8 *fense-wide that pertain to critical audit capabilities and*  
9 *associated infrastructure.*

10 **SEC. 1008. INFORMATION ON DEPARTMENT OF DEFENSE**  
11                   **FUNDING IN DEPARTMENT PRESS RELEASES**  
12                   **AND RELATED PUBLIC STATEMENTS ON PRO-**  
13                   **GRAMS, PROJECTS, AND ACTIVITIES FUNDED**  
14                   **BY THE DEPARTMENT.**

15       (a) *INFORMATION REQUIRED.*—

16               (1) *IN GENERAL.*—*Subchapter II of chapter 134*  
17 *of title 10, United States Code, is amended by insert-*  
18 *ing after section 2257 the following new section:*

19 **“§ 2258. Department of Defense press releases and re-**  
20                   **lated public statements on Department**  
21                   **funded programs, projects, and activities**

22       *“Any press release, statement, or other document*  
23 *issued to the public by the Department of Defense that de-*  
24 *scribes a program, project, or activity funded, whether in*  
25 *whole or in part, by amounts provided by the Department,*

1 *including any project, project, or activity of a foreign,*  
2 *State, or local government, shall clearly state the following:*

3           “(1) *That the program, project, or activity is*  
4 *funded, in whole or in part (as applicable), by funds*  
5 *provided by the Department.*

6           “(2) *An estimate of the amount of funding from*  
7 *the Department that the program, project, or activity*  
8 *currently receives.”.*

9           (2) *CLERICAL AMENDMENT.—The table of sec-*  
10 *tions at the beginning of subchapter II of chapter 134*  
11 *of such title is amended by inserting after the item*  
12 *relating to section 2257 the following new item:*

*“2258. Department of Defense press releases and related public statements on De-*  
*partment funded programs, projects, and activities.”.*

13           (b) *EFFECTIVE DATE.—The amendments made by this*  
14 *section shall take effect on the date of the enactment of this*  
15 *Act, and shall apply with respect to programs, projects, and*  
16 *activities funded by the Department of Defense with*  
17 *amounts authorized to be appropriated for fiscal years after*  
18 *fiscal year 2018.*

1 **Subtitle B—Counterdrug Activities**

2 **SEC. 1011. EXTENSION AND MODIFICATION OF AUTHORITY**  
3 **TO SUPPORT A UNIFIED COUNTERDRUG AND**  
4 **COUNTERTERRORISM CAMPAIGN IN COLOM-**  
5 **BIA.**

6 (a) *EXTENSION.*—Section 1021 of the Ronald W.  
7 Reagan National Defense Authorization Act for Fiscal Year  
8 2005 (Public Law 108–375; 118 Stat. 2042), as most re-  
9 cently amended by section 1013 of the National Defense Au-  
10 thorization Act for Fiscal Year 2017 (Public Law 114–328;  
11 130 Stat. 2385), is further amended—

12 (1) in subsection (a)(1), by striking “2019” and  
13 inserting “2022”; and

14 (2) in subsection (c), by striking “2019” and in-  
15 serting “2022”.

16 (b) *SCOPE OF AUTHORITY.*—Subsection (a) of such sec-  
17 tion 1021 is further amended—

18 (1) in paragraph (1), by striking “organizations  
19 designated as” and all that follows and inserting  
20 “terrorist organizations and other illegally armed  
21 groups determined by the Secretary of Defense to pose  
22 a significant threat to the national security interests  
23 of the United States.”; and

1           (2) *in paragraph (2), by striking “authority”*  
 2           *and all that follows and inserting “authority as fol-*  
 3           *lows:*

4           “(A) *To protect human health and welfare in*  
 5           *emergency circumstances, including the undertaking*  
 6           *of rescue operations.*

7           “(B) *To support efforts to demobilize, disarm,*  
 8           *and reintegrate members of illegally armed groups.”.*

9           ***Subtitle C—Naval Vessels and***  
 10           ***Shipyards***

11       ***SEC. 1016. POLICY OF THE UNITED STATES ON MINIMUM***  
 12           ***NUMBER OF BATTLE FORCE SHIPS.***

13       (a) *POLICY.—It shall be the policy of the United States*  
 14       *to have available, as soon as practicable, not fewer than*  
 15       *355 battle force ships, comprised of the optimal mix of plat-*  
 16       *forms, with funding subject to the availability of appropria-*  
 17       *tions or other funds.*

18       (b) *BATTLE FORCE SHIPS DEFINED.—In this section,*  
 19       *the term “battle force ships” has the meaning given the term*  
 20       *in Secretary of the Navy Instruction 5030.8C.*

21       ***SEC. 1017. OPERATIONAL READINESS OF LITTORAL COM-***  
 22           ***BAT SHIPS ON EXTENDED DEPLOYMENT.***

23       (a) *IN GENERAL.—Subsection (a) of section 7310 of*  
 24       *title 10, United States Code, is amended—*

1           (1) by inserting “*UNDER JURISDICTION OF THE*  
2           *SECRETARY OF THE NAVY*” in the subsection heading  
3           after “*VESSELS*”;

4           (2) by striking “*A naval vessel (or any other ves-*  
5           *sel under the jurisdiction of the Secretary of the*  
6           *Navy)*” and inserting “(1) *Except as provided in*  
7           *paragraph (2), a naval vessel*”; and

8           (3) by adding at the end the following new para-  
9           graph:

10          “(2)(A) *Subject to subparagraph (B), in the case of*  
11          *a naval vessel classified as a Littoral Combat Ship and op-*  
12          *erating on deployment, corrective and preventive mainte-*  
13          *nance or repair (whether intermediate or depot level) and*  
14          *facilities maintenance may be performed on the vessel—*

15                 “(i) *in a foreign shipyard;*

16                 “(ii) *at a facility outside of a foreign shipyard;*

17                 or

18                 “(iii) *at any other facility convenient to the ves-*

19                 *sel.*

20          “(B)(i) *Corrective and preventive maintenance or re-*  
21          *pair may be performed on a vessel as described in subpara-*  
22          *graph (A) if the work is performed by United States Gov-*  
23          *ernment personnel or United States contractor personnel.*

1       “(ii) *Facilities maintenance may be performed by a*  
2 *foreign contractor on a vessel as described in subparagraph*  
3 *(A) only as approved by the Secretary of the Navy.*”

4       (b) *DEFINITIONS.*—*Such section is further amended by*  
5 *adding at the end the following new subsection:*

6       “(d) *DEFINITIONS.*—*In this section:*

7               “(1) *The term ‘corrective and preventive mainte-*  
8 *nance or repair’ means—*

9                       “(A) *maintenance or repair actions per-*  
10 *formed as a result of a failure in order to return*  
11 *or restore equipment to acceptable performance*  
12 *levels; and*

13                       “(B) *scheduled maintenance or repair ac-*  
14 *tions to prevent or discover functional failures.*

15               “(2) *The term ‘facilities maintenance’ means*  
16 *preservation or corrosion control efforts and cleaning*  
17 *services.*”

18       (c) *CLERICAL AMENDMENTS.*—

19               (1) *SECTION HEADING.*—*The heading of such sec-*  
20 *tion is amended to read as follows:*

21 **“§ 7310. Overhaul, repair, and maintenance of vessels**  
22 **in foreign shipyards and facilities: re-**  
23 **strictions; exceptions”.**

24               (2) *TABLE OF SECTIONS.*—*The table of sections*  
25 *at the beginning of chapter 633 of such title is*

1        *amended by striking the item relating to section 7310*  
 2        *and inserting the following new item:*

      “7310. Overhaul, repair, and maintenance of vessels in foreign shipyards and facilities: restrictions; exceptions.”.

3    **SEC. 1018. AUTHORITY TO PURCHASE USED VESSELS TO RE-**  
 4                    **CAPITALIZE THE READY RESERVE FORCE**  
 5                    **AND THE MILITARY SEALIFT COMMAND**  
 6                    **SURGE FLEET.**

7        *(a) DEPOSIT OF ADDITIONAL FUNDS IN NATIONAL DE-*  
 8        *FENSE SEALIFT FUND.—*

9                    *(1) OTHER FUNDS MADE AVAILABLE TO DEPART-*  
 10                    *MENT OF THE NAVY.—Subsection (d) of section 2218*  
 11                    *of title 10, United States Code, is amended by adding*  
 12                    *at the end the following new paragraph:*

13                    *“(4) Any other funds made available to the De-*  
 14                    *partment of the Navy for carrying out the purposes*  
 15                    *of the Fund set forth in subsection (c).”.*

16                    *(2) EXPIRATION OF FUNDS AFTER 5 YEARS.—*  
 17                    *Subsection (g) of such section is amended by striking*  
 18                    *“subsection (d)(1)” and inserting “paragraph (1) or*  
 19                    *(4) of subsection (d)”.*

20                    *(b) AUTHORITY TO PURCHASE USED VESSELS.—Sub-*  
 21                    *section (f) of such section is amended by adding at the end*  
 22                    *the following new paragraph:*

23                    *“(3)(A) Notwithstanding the limitations in paragraph*  
 24                    *(1) and subsection (c)(1)(E), the Secretary of Defense may,*

1 *as part of a program to recapitalize the Ready Reserve*  
2 *Force component of the National Defense Reserve Fleet and*  
3 *the Military Sealift Command surge fleet, purchase used*  
4 *vessels, regardless of where constructed, from among vessels*  
5 *previously participating in the Maritime Security Fleet, if*  
6 *available at a reasonable cost (as determined by the Sec-*  
7 *retary). If such previously participating vessels are not*  
8 *available at a reasonable cost, used vessels comparable to*  
9 *such previously participating vessels may be purchased*  
10 *from any source, regardless of where constructed, if avail-*  
11 *able at a reasonable cost (as determined by the Secretary).*

12       “(B) *In exercising the authority in subparagraph (A),*  
13 *the Secretary shall purchase used vessels constructed in the*  
14 *United States, if available at a reasonable cost (as deter-*  
15 *mined by the Secretary).*

16       “(C) *In exercising the authority in subparagraph (A),*  
17 *the Secretary shall ensure that any conversion, moderniza-*  
18 *tion, maintenance, or repair of vessels occurs in shipyards*  
19 *located in the United States, except in emergency situations*  
20 *(as determined by the Secretary).”.*

21       (c) *DEFINITION OF MARITIME SECURITY FLEET.—*  
22 *Subsection (k) of such section is amended by adding at the*  
23 *end the following new paragraph:*

1           “(5) *The term ‘Maritime Security Fleet’ means*  
2           *the fleet established under section 53102(a) of title*  
3           *46.’.*”

4           (d) *TECHNICAL AMENDMENT.—Subsection (i) of such*  
5           *section is amended by striking “(50 U.S.C. App. 1744)”*  
6           *and inserting “(50 U.S.C. 4405)”.*

7           **SEC. 1019. SURVEYING SHIPS.**

8           (a) *SURVEYING SHIP REQUIREMENT.—Not later than*  
9           *120 days after the date of the enactment of this Act, the*  
10           *Chief of Naval Operations shall submit to the congressional*  
11           *defense committees a report setting forth a force structure*  
12           *assessment that establishes a surveying ship requirement.*  
13           *The Chief of Naval Operations shall conduct the assessment*  
14           *for purposes of the report, and may limit the assessment*  
15           *to surveying ships.*

16           (b) *DEFINITIONS.—In this section:*

17                   (1) *The term “surveying ship” has the meaning*  
18                   *given the term in Secretary of the Navy Instruction*  
19                   *5030.8C.*

20                   (2) *The term “force structure assessment” has the*  
21                   *meaning given the term in Chief of Naval Operations*  
22                   *Instruction 3050.27.*

1 **SEC. 1020. PILOT PROGRAM ON FUNDING FOR NATIONAL**  
2 **DEFENSE SEALIFT VESSELS.**

3 (a) *IN GENERAL.*—*The Secretary of the Navy may*  
4 *carry out a pilot program to assess the feasibility and ad-*  
5 *visability of the use of the authorities specified in subsection*  
6 *(b) in connection with research and development and oper-*  
7 *ation, maintenance, and lease or charter of national defense*  
8 *sealift vessels.*

9 (b) *AUTHORITIES.*—*The authorities specified in this*  
10 *subsection are authorities as follows:*

11 (1) *To derive funds for obligations and expendi-*  
12 *tures for research and development relating to na-*  
13 *tional defense sealift vessels from the Research, Devel-*  
14 *opment, Test, and Evaluation, Navy account.*

15 (2) *To derive funds for obligations and expendi-*  
16 *tures for operation, maintenance, and lease or charter*  
17 *of national defense sealift vessels from the Operation*  
18 *and Maintenance, Navy account.*

19 (3) *To use funds in the account referred to in*  
20 *paragraph (1) for obligations and expenditures de-*  
21 *scribed in that paragraph, and to use funds in the ac-*  
22 *count referred to in paragraph (2) for obligations and*  
23 *expenditures described in that paragraph, without the*  
24 *transfer of such funds to the National Defense Sealift*  
25 *Fund.*

1       (c) *LIMITATION.*—*The authorities in subsection (b)*  
2 *may be used under the pilot program only with respect to*  
3 *applicable amounts authorized to be appropriated for the*  
4 *Department of Defense for fiscal years 2018 and 2019.*

5       (d) *CONTINUING AVAILABILITY OF NDSF FUNDS.*—  
6 *Nothing in this section shall be construed to prohibit the*  
7 *use of amounts available in the National Defense Sealift*  
8 *Fund for fiscal years 2018 and 2019 for use for the purposes*  
9 *of the Fund under section 2218(c) of title 10, United States*  
10 *Code, in such fiscal years.*

11       (e) *REPORTS.*—

12           (1) *IN GENERAL.*—*Not later than 120 days after*  
13 *the conclusion of the pilot program, the Secretary, the*  
14 *Commander of the United States Transportation*  
15 *Command, and the Administrator of the Maritime*  
16 *Administration each shall submit to the congressional*  
17 *defense committees an independent report on the pilot*  
18 *program.*

19           (2) *ELEMENTS.*—*Each report shall include the*  
20 *following:*

21               (A) *A description of lessons learned from*  
22 *the pilot program regarding the efficacy of fund-*  
23 *ing national defense sealift vessel requirements*  
24 *using the accounts specified in paragraphs (1)*

1           and (2) of subsection (b) rather than the Na-  
2           tional Defense Sealift Fund.

3           (B) An assessment of potential operational,  
4           financial, and other significant impacts if the  
5           pilot program is made permanent.

6           (C) Such recommendations as the official  
7           submitting such report considers appropriate re-  
8           garding modifications of section 2218 of title 10,  
9           United States Code, in light of the pilot pro-  
10          gram.

11       (f) *DEFINITIONS.*—*In this section:*

12           (1) The term “national defense sealift vessel” has  
13           the meaning given the term in section 2218(k)(3) of  
14           title 10, United States Code.

15           (2) The term “National Defense Sealift Fund”  
16           means the Fund established by section 2218 of title  
17           10, United States Code.

## 18       ***Subtitle D—Counterterrorism***

### 19       ***SEC. 1031. EXTENSION OF PROHIBITION ON USE OF FUNDS*** 20               ***FOR TRANSFER OR RELEASE OF INDIVIDUALS*** 21               ***DETAINED AT UNITED STATES NAVAL STA-*** 22               ***TION, GUANTANAMO BAY, CUBA, TO THE*** 23               ***UNITED STATES.***

24       Section 1032 of the National Defense Authorization  
25       Act for Fiscal Year 2017 (Public Law 114–328) is amended

1 *by striking “December 31, 2017” and inserting “December*  
2 *31, 2018”.*

3 **SEC. 1032. EXTENSION OF PROHIBITION ON USE OF FUNDS**  
4 **TO CONSTRUCT OR MODIFY FACILITIES IN**  
5 **THE UNITED STATES TO HOUSE DETAINEES**  
6 **TRANSFERRED FROM UNITED STATES NAVAL**  
7 **STATION, GUANTANAMO BAY, CUBA.**

8 *Section 1033(a) of the National Defense Authorization*  
9 *Act for Fiscal Year 2017 (Public Law 114–328) is amended*  
10 *by striking “December 31, 2017” and inserting “December*  
11 *31, 2018”.*

12 **SEC. 1033. EXTENSION OF PROHIBITION ON USE OF FUNDS**  
13 **FOR TRANSFER OR RELEASE TO CERTAIN**  
14 **COUNTRIES OF INDIVIDUALS DETAINED AT**  
15 **UNITED STATES NAVAL STATION, GUANTA-**  
16 **NAMO BAY, CUBA.**

17 *Section 1034 of the National Defense Authorization*  
18 *Act for Fiscal Year 2017 (Public Law 114–328) is amended*  
19 *by striking “December 31, 2017” and inserting “December*  
20 *31, 2018”.*

1 **SEC. 1034. EXTENSION OF PROHIBITION ON USE OF FUNDS**  
2 **FOR REALIGNMENT OF FORCES AT OR CLO-**  
3 **SURE OF UNITED STATES NAVAL STATION,**  
4 **GUANTANAMO BAY, CUBA.**

5 *Section 1035 of the National Defense Authorization*  
6 *Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.*  
7 *2391) is amended by striking “fiscal year 2017” and insert-*  
8 *ing “any of fiscal years 2017 through 2021”.*

9 **SEC. 1035. AUTHORITY TO TRANSFER INDIVIDUALS DE-**  
10 **TAINED AT UNITED STATES NAVAL STATION,**  
11 **GUANTANAMO BAY, CUBA, TO THE UNITED**  
12 **STATES TEMPORARILY FOR EMERGENCY OR**  
13 **CRITICAL MEDICAL TREATMENT.**

14 *(a) TEMPORARY TRANSFER FOR MEDICAL TREAT-*  
15 *MENT.—Notwithstanding section 1032 of the National De-*  
16 *fense Authorization Act for Fiscal Year 2017 (Public Law*  
17 *114–328), as amended by section 1031 of this Act, or any*  
18 *similar provision of law enacted after September 30, 2015,*  
19 *the Secretary of Defense may, after consultation with the*  
20 *Secretary of Homeland Security, temporarily transfer an*  
21 *individual detained at Guantanamo to a Department of*  
22 *Defense medical facility in the United States for the sole*  
23 *purpose of providing the individual medical treatment if*  
24 *the Secretary of Defense determines that—*

1           (1) *the medical treatment of the individual is*  
2           *necessary to prevent death or imminent significant*  
3           *injury or harm to the health of the individual;*

4           (2) *the necessary medical treatment is not avail-*  
5           *able to be provided at United States Naval Station,*  
6           *Guantanamo Bay, Cuba, without incurring excessive*  
7           *and unreasonable costs; and*

8           (3) *the Department of Defense has provided for*  
9           *appropriate security measures for the custody and*  
10          *control of the individual during any period in which*  
11          *the individual is temporarily in the United States*  
12          *under this section.*

13          (b) *LIMITATION ON EXERCISE OF AUTHORITY.—The*  
14          *authority of the Secretary of Defense under subsection (a)*  
15          *may be exercised only by the Secretary of Defense or another*  
16          *official of the Department of Defense at the level of Under*  
17          *Secretary of Defense or higher.*

18          (c) *CONDITIONS OF TRANSFER.—An individual who is*  
19          *temporarily transferred under the authority in subsection*  
20          (i) *shall—*

21                 (1) *while in the United States, remain in the*  
22                 *custody and control of the Secretary of Defense at all*  
23                 *times; and*

24                 (2) *be returned to United States Naval Station,*  
25                 *Guantanamo Bay, Cuba, as soon as feasible after a*

1     *Department of Defense physician determines, in con-*  
2     *sultation with the Commander, Joint Task Force-*  
3     *Guantanamo Bay, Cuba, that any necessary follow-*  
4     *up medical care may reasonably be provided the indi-*  
5     *vidual at United States Naval Station, Guantanamo*  
6     *Bay.*

7     *(d) STATUS WHILE IN UNITED STATES.—An indi-*  
8     *vidual who is temporarily transferred under the authority*  
9     *in subsection (a), while in the United States—*

10             *(1) shall be deemed at all times and in all re-*  
11             *spects to be in the uninterrupted custody of the Sec-*  
12             *retary of Defense, as though the individual remained*  
13             *physically at United States Naval Station, Guanta-*  
14             *namo Bay, Cuba;*

15             *(2) shall not at any time be subject to, and may*  
16             *not apply for or obtain, or be deemed to enjoy, any*  
17             *right, privilege, status, benefit, or eligibility for any*  
18             *benefit under any provision of the immigration laws*  
19             *(as defined in section 101(a)(17) of the Immigration*  
20             *and Nationality Act (8 U.S.C. 1101(a)(17)), or any*  
21             *other law or regulation;*

22             *(3) shall not be permitted to avail himself of any*  
23             *right, privilege, or benefit of any law of the United*  
24             *States beyond those available to individuals detained*

1     *at United States Naval Station, Guantanamo Bay;*  
2     *and*

3             *(4) shall not, as a result of such transfer, have*  
4     *a change in any designation that may have attached*  
5     *to that detainee while detained at United States*  
6     *Naval Station, Guantanamo Bay, pursuant to the*  
7     *Authorization for Use of Military Force (Public Law*  
8     *107–40), as determined in accordance with applicable*  
9     *law and regulations.*

10     *(e) NO CAUSE OF ACTION.—Any decision to transfer*  
11     *or not to transfer an individual made under the authority*  
12     *in subsection (a) shall not give rise to any claim or cause*  
13     *of action.*

14     *(f) LIMITATION ON JUDICIAL REVIEW.—*

15             *(1) LIMITATION.—Except as provided in para-*  
16     *graph (2), no court, justice, or judge shall have juris-*  
17     *isdiction to hear or consider any claim or action*  
18     *against the United States or its departments, agen-*  
19     *cies, officers, employees, or agents arising from or re-*  
20     *lating to any aspect of the detention, transfer, treat-*  
21     *ment, or conditions of confinement of an individual*  
22     *transferred under this section.*

23             *(2) EXCEPTION FOR HABEAS CORPUS.—The*  
24     *United States District Court for the District of Co-*  
25     *lumbia shall have exclusive jurisdiction to consider an*

1        *application for writ of habeas corpus seeking release*  
2        *from custody filed by or on behalf of an individual*  
3        *who is in the United States pursuant to a temporary*  
4        *transfer under the authority in subsection (a). Such*  
5        *jurisdiction shall be limited to that required by the*  
6        *Constitution, and relief shall be only as provided in*  
7        *paragraph (3). In such a proceeding the court may*  
8        *not review, halt, or stay the return of the individual*  
9        *who is the object of the application to United States*  
10       *Naval Station, Guantanamo Bay, Cuba, pursuant to*  
11       *subsection (c).*

12            (3) *RELIEF.*—*A court order in a proceeding cov-*  
13        *ered by paragraph (2)—*

14                    (A) *may not order the release of the indi-*  
15        *vidual within the United States; and*

16                    (B) *shall be limited to an order of release*  
17        *from custody which, when final, the Secretary of*  
18        *Defense shall implement in accordance with sec-*  
19        *tion 1034 of the National Defense Authorization*  
20        *Act for Fiscal Year 2016 (10 U.S.C. 801 note).*

21            (g) *NOTIFICATION.*—*Whenever a temporary transfer of*  
22        *an individual detained at Guantanamo is made under the*  
23        *authority of subsection (a), the Secretary of Defense shall*  
24        *notify the Committees on Armed Services of the Senate and*

1 *the House of Representatives of the transfer not later than*  
2 *five days after the date on which the transfer is made.*

3       (h) *INDIVIDUAL DETAINED AT GUANTANAMO DE-*  
4 *FINED.—In this section, the term “individual detained at*  
5 *Guantanamo” means an individual located at United*  
6 *States Naval Station, Guantanamo Bay, Cuba, as of Octo-*  
7 *ber 1, 2009, who—*

8               (1) *is not a national of the United States (as de-*  
9 *finied in section 101(a)(22) of the Immigration and*  
10 *Nationality Act (8 U.S.C. 1101(a)(22)) or a member*  
11 *of the Armed Forces of the United States; and*

12               (2) *is—*

13                       (A) *in the custody or under the control of*  
14 *the Department of Defense; or*

15                       (B) *otherwise detained at United States*  
16 *Naval Station, Guantanamo Bay.*

17       (i) *APPLICABILITY.—This section shall apply to an in-*  
18 *dividual temporarily transferred under the authority in*  
19 *subsection (a) regardless of the status of any pending or*  
20 *completed proceeding or detention on the date of the enact-*  
21 *ment of this Act.*

1           ***Subtitle E—Miscellaneous***  
2           ***Authorities and Limitations***

3   ***SEC. 1041. MATTERS RELATING TO THE SUBMITTAL OF FU-***  
4           ***TURE-YEARS DEFENSE PROGRAMS.***

5           *(a) TIMING OF SUBMITTAL TO CONGRESS.—Subsection*  
6 *(a) of section 221 of title 10, United States Code, is amend-*  
7 *ed by striking “at or about the same time” and inserting*  
8 *“not later than five days after the date on which”.*

9           *(b) MANNER AND FORM OF SUBMITTAL.—Such section*  
10 *is further amended—*

11           *(1) in subsection (a) by inserting “make avail-*  
12 *able to United States Government entities and” before*  
13 *“submit to Congress”; and*

14           *(2) by adding at the end the following new sub-*  
15 *section:*

16           *“(d)(1) The Secretary of Defense shall make available*  
17 *to United States Government entities and submit to Con-*  
18 *gress each future-years defense program under this section*  
19 *as follows:*

20           *“(A) By making such program available on an*  
21 *Internet website of the Under Secretary of Defense*  
22 *(Comptroller) available to United States Government*  
23 *in the form of an unclassified electronic database.*

24           *“(B) By delivering printed copies of such pro-*  
25 *gram to the congressional defense committee.*

1       “(2) *In the event inclusion of classified material in*  
2 *a future-years defense program would otherwise render the*  
3 *totality of the program classified for purposes of this sub-*  
4 *section—*

5               “(A) *such program shall be made available to*  
6 *United States Government entities and submitted to*  
7 *Congress in unclassified form, with such material at-*  
8 *tached as a classified annex; and*

9               “(B) *such annex shall be submitted to the con-*  
10 *gressional defense committees, the Congressional*  
11 *Budget Office, the Comptroller General of the United*  
12 *States, and the Congressional Research Service.”.*

13       (c) *ACCURACY OF INFORMATION.—Such section is fur-*  
14 *ther amended by adding at the end the following new sub-*  
15 *section:*

16               “(e) *Each future-years defense program under this sub-*  
17 *section shall be accompanied by a certification by the Under*  
18 *Secretary of Defense (Comptroller), in the case of the De-*  
19 *partment of Defense, and the comptroller of each military*  
20 *department, in the case of such military department, that*  
21 *any information entered into the Standard Data Collection*  
22 *System of the Department of Defense, the Comptroller Infor-*  
23 *mation System, or any other data system, as applicable,*  
24 *for purposes of assembling such future-years defense pro-*  
25 *gram was accurate.”.*

1 (d) *CONFORMING AMENDMENTS.*—

2 (1) *HEADING AMENDMENT.*—*The heading of section*  
3 *tion 221 of such title is amended to read as follows:*

4 **“§221. Future-years defense program: consistency in**  
5 **budgeting; availability to United States**  
6 **Government entities and submittal to Con-**  
7 **gress”.**

8 (2) *TABLE OF SECTIONS.*—*The table of sections*  
9 *at the beginning of chapter 9 of such title is amended*  
10 *by striking the item relating to section 221 and in-*  
11 *serting the following new item:*

*“221. Future-years defense program: consistency in budgeting; availability to*  
*United States Government entities and submittal to Congress.”.*

12 (e) *EFFECTIVE DATE.*—*The amendments made by this*  
13 *section shall take effect on the date of the enactment of this*  
14 *Act, and shall apply to future-years defense programs sub-*  
15 *mitted at the time of budgets of the President for fiscal years*  
16 *beginning after fiscal year 2018.*

17 (f) *DOD GUIDANCE.*—*The Secretary of Defense shall,*  
18 *in coordination with the Under Secretary of Defense*  
19 *(Comptroller), update Department of Defense Financial*  
20 *Management Regulation 7000.14–R, and any other appro-*  
21 *priate instructions and guidance, to ensure that the Depart-*  
22 *ment of Defense takes appropriate actions to comply with*  
23 *the amendments made by this section in the submittal of*

1 *future-years defense programs in calendar years after cal-*  
2 *endar year 2017.*

3 **SEC. 1042. DEPARTMENT OF DEFENSE INTEGRATION OF IN-**  
4 **FORMATION OPERATIONS AND CYBER-EN-**  
5 **ABLED INFORMATION OPERATIONS.**

6 *(a) INTEGRATION OF DEPARTMENT OF DEFENSE IN-*  
7 *FORMATION OPERATIONS AND CYBER-ENABLED INFORMA-*  
8 *TION OPERATIONS.—*

9 *(1) ESTABLISHMENT OF CROSS-FUNCTIONAL*  
10 *TASK FORCE.—*

11 *(A) IN GENERAL.—The Secretary of Defense*  
12 *shall establish a cross-functional task force con-*  
13 *sistent with section 911(c)(1) of the National De-*  
14 *fense Authorization Act for Fiscal Year 2017*  
15 *(114–328; 10 U.S.C. 111 note) to integrate*  
16 *across the organizations of the Department of*  
17 *Defense responsible for information operations,*  
18 *military deception, public affairs, electronic war-*  
19 *fare, and cyber operations to produce integrated*  
20 *strategy, planning, and budgeting to counter,*  
21 *deter, and conduct strategic information oper-*  
22 *ations and cyber-enabled information operations.*

23 *(B) DUTIES.—The task force shall carry out*  
24 *the following:*

1           (i) *Development of a strategic frame-*  
2           *work for the conduct by the Department of*  
3           *Defense of information operations, includ-*  
4           *ing cyber-enabled information operations,*  
5           *coordinated across all relevant Department*  
6           *of Defense entities, including both near-term*  
7           *and long-term guidance for the conduct of*  
8           *such coordinated operations.*

9           (ii) *Development and dissemination of*  
10          *a common operating paradigm across the*  
11          *organizations specified in subparagraph (A)*  
12          *of the influence, deception, and propaganda*  
13          *activities of key malign actors, including in*  
14          *cyberspace.*

15          (iii) *Development of guidance for, and*  
16          *promotion of, the liaison capability of the*  
17          *Department to interact with the private sec-*  
18          *tor, including social media, on matters re-*  
19          *lated to the influence activities of malign*  
20          *actors.*

21       (2) *HEAD OF CROSS-FUNCTIONAL TASK FORCE.—*

22           (A) *IN GENERAL.—The Secretary of Defense*  
23           *shall appoint as the head of the task force such*  
24           *individual as the Secretary considers appro-*  
25           *priate from among individuals serving in the*

1            *Department as an Under Secretary of Defense or*  
2            *in such other position within the Department of*  
3            *lesser order of precedence.*

4            (B) *RESPONSIBILITIES.—The responsibilities*  
5            *of the head of the task force are as follows:*

6                    (i) *Oversight of strategic policy and*  
7                    *guidance.*

8                    (ii) *Overall resource allocation for the*  
9                    *integration of information operations and*  
10                   *cyber operations of the Department.*

11                   (iii) *Ensuring the task force faithfully*  
12                   *pursues the purpose set forth in subpara-*  
13                   *graph (A) of paragraph (1) and carries out*  
14                   *its duties as set forth in subparagraph (B)*  
15                   *of such paragraph.*

16                   (iv) *Carrying out such activities as are*  
17                   *required of the head of the task force under*  
18                   *subsections (b) and (c).*

19            (b) *REQUIREMENTS AND PLANS FOR INFORMATION*  
20 *OPERATIONS.—*

21                   (1) *COMBATANT COMMAND PLANNING.—The Sec-*  
22                   *retary shall require each commander of a combatant*  
23                   *command to develop such requirements and specific*  
24                   *plans as may be necessary for the conduct of informa-*  
25                   *tion operations, including plans for deterring infor-*

1 *mation operations, particularly in the cyber domain,*  
2 *by malign actors against the United States, allies of*  
3 *the United States, and interests of the United States.*

4 (2) *IMPLEMENTATION PLAN FOR DEPARTMENT OF*  
5 *DEFENSE STRATEGY FOR OPERATIONS IN THE INFOR-*  
6 *MATION ENVIRONMENT.—*

7 (A) *IN GENERAL.—Not later than 90 days*  
8 *after the date of the enactment of this Act, the*  
9 *head of the task force shall—*

10 (i) *review the Department of Defense*  
11 *Strategy for Operations in the Information*  
12 *Environment, dated June 2016; and*

13 (ii) *submit to the congressional defense*  
14 *committees a plan for implementation of*  
15 *such strategy.*

16 (B) *ELEMENTS.—The implementation plan*  
17 *shall include, at a minimum, the following:*

18 (i) *An accounting of the efforts under-*  
19 *taken in support of the strategy described in*  
20 *subparagraph (A)(i) since it was issued in*  
21 *June 2016.*

22 (ii) *A description of any updates or*  
23 *changes to such strategy that have been*  
24 *made since it was first issued, as well as*

1            *any expected updates or changes in light of*  
2            *the establishment of the task force.*

3            *(iii) A description of the role of the De-*  
4            *partment as part of a broader whole-of-gov-*  
5            *ernment strategy for strategic communica-*  
6            *tions, including assumptions about the roles*  
7            *and contributions of other Government de-*  
8            *partments and agencies to such a strategy.*

9            *(iv) Defined actions, performance*  
10           *metrics, and projected timelines to achieve*  
11           *the following specified tasks:*

12                    *(I) Train, educate, and prepare*  
13                    *commanders and their staffs, and the*  
14                    *Joint Force as a whole, to lead, man-*  
15                    *age, and conduct operations in the in-*  
16                    *formation environment.*

17                    *(II) Train, educate, and prepare*  
18                    *information operations professionals*  
19                    *and practitioners to enable effective op-*  
20                    *erations in the information environ-*  
21                    *ment.*

22                    *(III) Manage information oper-*  
23                    *ations professionals, practitioners, and*  
24                    *organizations to meet emerging oper-*  
25                    *ational needs.*

1                   (IV) *Establish a baseline assess-*  
2                   *ment of current ability of the Depart-*  
3                   *ment to conduct operations in the in-*  
4                   *formation environment, including an*  
5                   *identification of the types of units and*  
6                   *organizations currently responsible for*  
7                   *building and employing information-*  
8                   *related capabilities and an assignment*  
9                   *of appropriate roles and missions for*  
10                  *each type of unit or organization.*

11                  (V) *Develop the ability of the De-*  
12                  *partment and operating forces to en-*  
13                  *gage, assess, characterize, forecast, and*  
14                  *visualize the information environment.*

15                  (VI) *Develop and maintain the*  
16                  *proper capabilities and capacity to op-*  
17                  *erate effectively in the information en-*  
18                  *vironment in coordination with imple-*  
19                  *mentation of related cyber and other*  
20                  *strategies.*

21                  (VII) *Develop and maintain the*  
22                  *capability to assess accurately the ef-*  
23                  *fect of operations in the information*  
24                  *environment.*

1                   (VIII) *Adopt, adapt, and develop*  
2                   *new science and technology for the De-*  
3                   *partment to operate effectively in the*  
4                   *information environment.*

5                   (IX) *Develop and adapt informa-*  
6                   *tion environment-related concepts,*  
7                   *policies, and guidance.*

8                   (X) *Ensure doctrine relevant to*  
9                   *operations in the information environ-*  
10                  *ment remains current and responsive*  
11                  *based on lessons learned and best prac-*  
12                  *tices.*

13                  (XI) *Develop, update, and de-con-*  
14                  *flict authorities and permissions, as*  
15                  *appropriate, to enable effective oper-*  
16                  *ations in the information environment.*

17                  (XII) *Establish and maintain*  
18                  *partnerships among Department and*  
19                  *interagency partners to enable more ef-*  
20                  *fective whole-of-government operations*  
21                  *in the information environment.*

22                  (XIII) *Establish and maintain*  
23                  *appropriate interaction with entities*  
24                  *that are not part of the Federal Gov-*  
25                  *ernment, including entities in indus-*

1                    *try, entities in academia, Federally*  
2                    *funded research and development cen-*  
3                    *ters, and other organizations, to enable*  
4                    *operations in the information environ-*  
5                    *ment.*

6                    *(XIV) Establish and maintain*  
7                    *collaboration between and among the*  
8                    *Department and international part-*  
9                    *ners, including partner countries and*  
10                   *nongovernmental organizations, to en-*  
11                   *able more effective operations in the in-*  
12                   *formation environment.*

13                   *(XV) Foster, enhance, and lever-*  
14                   *age partnership capabilities and ca-*  
15                   *pacities.*

16                   *(v) An analysis of any personnel,*  
17                   *resourcing, capability, authority, or other*  
18                   *gaps that will need to be addressed to en-*  
19                   *sure effective implementation of the strategy*  
20                   *described in subparagraph (A)(i) across all*  
21                   *relevant elements of the Department.*

22                   *(vi) An investment framework and*  
23                   *projected timeline for addressing any gaps*  
24                   *identified under clause (v).*

1                   (vii) *Such other matters as the Sec-*  
2                   *retary of Defense considers relevant.*

3                   (C) *PERIODIC STATUS REPORTS.*—*Not later*  
4                   *than 90 days after the date on which the imple-*  
5                   *mentation plan is submitted under subpara-*  
6                   *graph (A)(ii) and not less frequently than once*  
7                   *every 90 days thereafter until the date that is*  
8                   *three years after the date of such submittal, the*  
9                   *head of the task force shall submit to the congres-*  
10                  *sional defense committees a report describing the*  
11                  *status of the efforts of the Department to accom-*  
12                  *plish the tasks specified under clauses (iv) and*  
13                  *(vi) of subparagraph (B).*

14                  (c) *TRAINING AND EDUCATION.*—*Consistent with the*  
15                  *elements of the implementation plan required under clauses*  
16                  *(i) and (ii) of subsection (b)(2)(B)(4), the head of the task*  
17                  *force shall establish programs to provide training and edu-*  
18                  *cation to such members of the Armed Forces and civilian*  
19                  *employees of the Department of Defense as the Secretary*  
20                  *considers appropriate to ensure understanding of the role*  
21                  *of information in warfare, the central goal of all military*  
22                  *operations to affect the perceptions, views, and decision-*  
23                  *making of adversaries, and the effective management and*  
24                  *conduct of operations in the information environment.*

1       (d) *ESTABLISHMENT OF DEFENSE INTELLIGENCE OFFICER FOR INFORMATION OPERATIONS AND CYBER OPERATIONS.*—*The Secretary shall establish a position within*  
2 *the Department of Defense known as the “Defense Intel-*  
3 *ligence Officer for Information Operations and Cyber Oper-*  
4 *ations”.*

7       (e) *DEFINITIONS.*—*In this section:*

8           (1) *The term “head of the task force” means the*  
9 *head appointed under subsection (a)(2)(A).*

10          (2) *The term “implementation plan” means the*  
11 *plan required by subsection (b)(2)(A)(ii).*

12          (3) *The term “task force” means the cross-func-*  
13 *tional task force established under subsection*  
14 *(a)(1)(A).*

15 **SEC. 1043. PROHIBITION ON LOBBYING ACTIVITIES WITH**  
16 **RESPECT TO THE DEPARTMENT OF DEFENSE**  
17 **BY CERTAIN OFFICERS OF THE ARMED**  
18 **FORCES AND CIVILIAN EMPLOYEES OF THE**  
19 **DEPARTMENT WITHIN TWO YEARS OF SEPA-**  
20 **RATION FROM MILITARY SERVICE OR EM-**  
21 **PLOYMENT WITH THE DEPARTMENT.**

22       (a) *PROHIBITION.*—*An individual described in sub-*  
23 *section (b) may not engage in lobbying activities with re-*  
24 *spect to the Department of Defense during the two-year pe-*  
25 *riod beginning on the date of retirement or separation from*

1 *service in the Armed Forces or the date of retirement or*  
2 *separation from service with the Department, as applicable.*

3 (b) *COVERED INDIVIDUALS.—An individual described*  
4 *in this section is the following:*

5 (1) *An officer of the Armed Forces in grade O–*  
6 *7 or higher at the time of retirement or separation*  
7 *from the Armed Forces.*

8 (2) *A civilian employee of the Department of De-*  
9 *fense at the Senior Executive Service (SES) level or*  
10 *higher at the time of retirement or separation from*  
11 *service with the Department.*

12 (c) *LOBBYING ACTIVITIES WITH RESPECT TO THE DE-*  
13 *PARTMENT OF DEFENSE DEFINED.—In this section:*

14 (1) *The term “lobbying activities with respect to*  
15 *the Department of Defense” means the following:*

16 (A) *Lobbying contacts and other lobbying*  
17 *activities with covered executive branch officials*  
18 *and covered legislative branch officials with re-*  
19 *spect to the Department of Defense.*

20 (B) *Lobbying contacts with covered execu-*  
21 *tive branch officials described in subparagraphs*  
22 *(C) through (F) of section 3(3) of the Lobbying*  
23 *Disclosure Act of 1995 (2 U.S.C. 1602(3)) in the*  
24 *Department of Defense.*

1           (2) *The term “lobbying activities” has the mean-*  
2 *ing given that term in section 3(7) of the Lobbying*  
3 *Disclosure Act of 1995 (2 U.S.C. 1602(7)).*

4           (3) *The term “covered executive branch official”*  
5 *has the meaning given that term in section 3(3) of the*  
6 *Lobbying Disclosure Act of 1995 (2 U.S.C. 1602(3)).*

7           (4) *The term “covered legislative branch official”*  
8 *has the meaning given that term in section 3(4) of the*  
9 *Lobbying Disclosure Act of 1995 (2 U.S.C. 1602(4)).*

10 **SEC. 1044. DEFINITION OF “UNMANNED AERIAL VEHICLE”**

11                   **FOR PURPOSES OF TITLE 10, UNITED STATES**

12                   **CODE.**

13           *Section 101(e) of title 10, United States Code, is*  
14 *amended by adding at the end the following new paragraph:*

15           “(6) **UNMANNED AERIAL VEHICLE.**—*The term*  
16 *‘unmanned aerial vehicle’—*

17                   “(A) *means an aerial vehicle that is not*  
18 *controlled by a human being after launch, such*  
19 *as a cruise missile; and*

20                   “(B) *does not include a remotely piloted*  
21 *aerial vehicle if the vehicle is controlled by a*  
22 *human being after launch.”.*

1 **SEC. 1045. TECHNICAL AMENDMENT RELATING TO MANAGE-**  
2 **MENT OF MILITARY TECHNICIANS.**

3 *Section 1053(a)(1) of the National Defense Authoriza-*  
4 *tion Act for Fiscal Year 2016 (10 U.S.C. 10216 note) is*  
5 *amended by striking “20 percent” and inserting “12.6 per-*  
6 *cent”.*

7 **SEC. 1046. EXTENSION OF PROHIBITION ON USE OF FUNDS**  
8 **FOR RETIREMENT OF LEGACY MARITIME**  
9 **MINE COUNTERMEASURE PLATFORMS.**

10 *Section 1045(a) of the National Defense Authorization*  
11 *Act for Fiscal Year 2017 (Public Law 114–328) is amended*  
12 *in the matter preceding paragraph (1) by striking “author-*  
13 *ized to be appropriated by this Act or otherwise made avail-*  
14 *able for fiscal year 2017 for the Navy” and inserting “au-*  
15 *thorized to be appropriated or otherwise made available for*  
16 *the Navy for fiscal year 2017 or 2018”.*

17 **SEC. 1047. SENSE OF CONGRESS ON THE BASING OF KC-46A**  
18 **AIRCRAFT OUTSIDE THE CONTINENTAL**  
19 **UNITED STATES.**

20 *(a) FINDING.—Congress finds that the Department of*  
21 *Defense is continuing its process of permanently stationing*  
22 *KC-46A aircraft at installations in the continental United*  
23 *States (CONUS) and forward-basing outside the conti-*  
24 *ental United States (OCONUS).*

25 *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
26 *that the Secretary of the Air Force, as part of the strategic*

1 basing process for KC-46A aircraft, should continue to  
2 place emphasis on and consider the benefits derived from  
3 locations outside the continental United States that—

4 (1) support day-to-day air refueling operations,  
5 operations plans of the combatant commands, and  
6 flexibility for contingency operations, and have—

7 (A) a strategic location that is essential to  
8 the defense of the United States and its interests;

9 (B) receivers for boom or probe-and-drogue  
10 training opportunities with joint and inter-  
11 national partners; and

12 (C) sufficient airfield and airspace avail-  
13 ability and capacity to meet requirements; and

14 (2) possess facilities that—

15 (A) take full advantage of existing infra-  
16 structure to provide—

17 (i) runway, hangars, and aircrew and  
18 maintenance operations; and

19 (ii) sufficient fuels receipt, storage, and  
20 distribution capacities for a 5-day peace-  
21 time operating stock; and

22 (B) minimize overall construction and oper-  
23 ational costs.

1 **SEC. 1048. AUTHORIZATION TO PROCURE UP TO SIX POLAR-**  
2 **CLASS ICEBREAKERS.**

3 (a) *AUTHORITY TO PROCURE ICEBREAKERS.*—

4 (1) *IN GENERAL.*—*The Secretary of the depart-*  
5 *ment in which the Coast Guard is operating may, in*  
6 *consultation with the Secretary of the Navy, enter*  
7 *into a contract or contracts for the procurement of up*  
8 *to six polar-class icebreakers, including—*

9 (A) *polar-class heavy icebreakers; and*

10 (B) *polar-class medium icebreakers.*

11 (2) *CONDITION FOR OUT-YEAR CONTRACT PAY-*  
12 *MENTS.*—*A contract entered into under paragraph (1)*  
13 *shall provide that any obligation of the United States*  
14 *to make a payment under the contract for a fiscal*  
15 *year after fiscal year 2018 is subject to the avail-*  
16 *ability of appropriations or funds for that purpose for*  
17 *such later fiscal year.*

18 (b) *COMPTROLLER GENERAL OF THE UNITED STATES*  
19 *REPORT.*—

20 (1) *IN GENERAL.*—*Not later than 45 days after*  
21 *the date of the enactment of this Act, the Comptroller*  
22 *General of the United States shall submit to the Com-*  
23 *mittees on Armed Services of the Senate and the*  
24 *House of Representatives, the Committee on Com-*  
25 *merce, Science, and Transportation of the Senate,*  
26 *and the Committee on Transportation and Infrastruc-*

1 *ture of the House of Representatives a report assessing*  
2 *the cost and procurement schedule for new United*  
3 *States icebreakers.*

4 (2) *ELEMENTS.*—*The report required in para-*  
5 *graph (1) shall include an analysis of the following:*

6 (A) *The current status of the efforts of the*  
7 *Coast Guard to acquire new icebreaking capa-*  
8 *bility, including coordination through the Inte-*  
9 *grated Program Office.*

10 (B) *Actions being taken by the Coast Guard*  
11 *to incorporate key practices from other nations*  
12 *that procure icebreakers to increase knowledge*  
13 *and reduce costs and risks.*

14 (C) *The extent by which the cost and sched-*  
15 *ule for building Coast Guard icebreakers differs*  
16 *from those in other countries, if known.*

17 (D) *The extent that innovative acquisition*  
18 *practices (such as multiyear funding and block*  
19 *buys) may be applied to icebreaker acquisition to*  
20 *reduce the cost and accelerate the schedule.*

21 (E) *A capacity replacement plan to miti-*  
22 *gate a potential icebreaker capability gap if the*  
23 *Polar Star cannot remain in service.*

24 (F) *Any other matters the Comptroller Gen-*  
25 *eral considers appropriate.*

1 **SEC. 1049. SENSE OF CONGRESS ON USE OF TEST SITES**  
2 **FOR RESEARCH AND DEVELOPMENT ON**  
3 **COUNTERING UNMANNED AIRCRAFT SYS-**  
4 **TEMS.**

5 *It is the sense of Congress that—*

6 *(1) the armed unmanned aircraft systems de-*  
7 *ployed by adversaries for military purposes pose a*  
8 *threat to military installations, critical infrastruc-*  
9 *ture, and members of the Armed Forces in conflict*  
10 *areas like Iraq and Syria;*

11 *(2) the unmanned aircraft systems test sites des-*  
12 *ignated by the Federal Aviation Administration offer*  
13 *unique capabilities, expertise, and airspace for re-*  
14 *search and development related to unmanned aircraft*  
15 *systems; and*

16 *(3) the Armed Forces should, as appropriate and*  
17 *to the extent practicable, seek to leverage the test sites*  
18 *described in paragraph (2), as well as existing De-*  
19 *partment of Defense facilities with appropriate exper-*  
20 *tise, for research and development on capabilities to*  
21 *counter the nefarious use of unmanned aircraft sys-*  
22 *tems.*

23 **Subtitle F—Studies and Reports**

24 **SEC. 1061. ASSESSMENT OF GLOBAL FORCE POSTURE.**

25 *(a) ASSESSMENT REQUIRED.—The Secretary of De-*  
26 *fense shall, in consultation with the Chairman of the Joint*

1 *Chiefs of Staff and the commanders of the combatant com-*  
2 *mands, provide for and oversee an assessment of the global*  
3 *force posture of the Armed Forces.*

4       **(b) REPORT.**—*Not later than the earlier of 180 days*  
5 *after the production of the 2018 National Defense Strategy*  
6 *(which is intended to be closely coordinated with and com-*  
7 *plementary to a new National Security Strategy) or Decem-*  
8 *ber 31, 2018, the Secretary shall submit to the Committees*  
9 *on Armed Services of the Senate and the House of Rep-*  
10 *resentatives a report on the assessment required by sub-*  
11 *section (a). The report shall include the following:*

12           **(1)** *Recommendations for force size, structure,*  
13 *and basing in Europe, the Middle East, and Asia Pa-*  
14 *cific that reflect and complement the force sizing con-*  
15 *struct included in the 2018 National Defense Strategy*  
16 *in order to guide the growth of the force structure of*  
17 *the Armed Forces, which recommendations shall be*  
18 *based on an evaluation of the relative costs of rota-*  
19 *tional and forward-based forces as well as impacts to*  
20 *deployment timelines of threats to lines of commu-*  
21 *nication and anti-access area denial capabilities of*  
22 *potential adversaries.*

23           **(2)** *An assessment by each commander of a geo-*  
24 *graphic combatant command of the capability and*  
25 *force structure gaps within the context of an evalua-*

1        *tion of the potential threats in the theater of oper-*  
2        *ations of the combatant command concerned and the*  
3        *operation plans that such combatant command are*  
4        *expected to execute.*

5            *(3) An evaluation of the concept of operations*  
6        *and the sources of manpower for headquarters re-*  
7        *quired to oversee and direct execution of current oper-*  
8        *ations plans.*

9        **SEC. 1062. ARMY MODERNIZATION STRATEGY.**

10        *(a) STRATEGY REQUIRED.—The Secretary of the*  
11        *Army shall develop a modernization strategy for the total*  
12        *Army.*

13        *(b) ELEMENTS.—The strategy required by subsection*  
14        *(a) shall include the following:*

15            *(1) A comprehensive description of the future*  
16        *total Army, including key objectives, war fighting*  
17        *challenges, and risks, sufficient to establish require-*  
18        *ments, set priorities, identify opportunity costs, and*  
19        *establish acquisition time lines for the total Army*  
20        *over a period beyond the period of the current future-*  
21        *years defense program under section 221 of title 10,*  
22        *United States Code.*

23            *(2) Mechanisms for identifying programs of the*  
24        *Army that may be unnecessary, or do not perform ac-*

1        *ording to expectations, in achieving the future total*  
2        *Army.*

3            (3) *A comprehensive description of the manner*  
4        *in which the future total Army intends to fight and*  
5        *win as part of a joint force engaged in combat across*  
6        *all operational domains.*

7            (4) *A comprehensive description of the mecha-*  
8        *nisms required by the future total Army to maintain*  
9        *command, control, and communications and*  
10       *sustainment.*

11        (c) *PARTICULAR CONSIDERATIONS.—In developing the*  
12       *strategy required by subsection (a), the Secretary shall take*  
13       *into particular account the following:*

14            (1) *Current trends and developments in weapons*  
15        *and equipment technologies.*

16            (2) *New tactics and force design of peer adver-*  
17        *saries, including the rapid pace of development of*  
18        *such tactics and force design by such adversaries.*

19        (d) *REPORT.—*

20            (1) *IN GENERAL.—Not later than 90 days after*  
21        *the date of the enactment of this Act, the Secretary*  
22        *shall submit to the congressional defense committees*  
23        *the strategy required by subsection (a).*

1           (2) *FORM.*—If the report is submitted in classi-  
2           fied form, the report shall be accompanied by an un-  
3           classified summary.

4 **SEC. 1063. REPORT ON ARMY PLAN TO IMPROVE OPER-**  
5           **ATIONAL UNIT READINESS BY REDUCING**  
6           **NUMBER OF NON-DEPLOYABLE SOLDIERS AS-**  
7           **SIGNED TO OPERATIONAL UNITS.**

8           *Not later than 90 days after the date of the enactment*  
9           *of this Act, the Secretary of the Army shall submit to the*  
10           *congressional defense committees a report on the plans of*  
11           *the Army to improve operational unit readiness in the*  
12           *Army by reducing the number of non-deployable soldiers*  
13           *assigned to operational units of the Army and replacing*  
14           *such soldiers with soldiers capable of world-wide deploy-*  
15           *ment.*

16 **SEC. 1064. EFFORTS TO COMBAT PHYSIOLOGICAL EPISODES**  
17           **ON CERTAIN NAVY AIRCRAFT.**

18           (a) *IN GENERAL.*—Not later than 30 days after the  
19           date of the enactment of this Act, and every 90 days there-  
20           after until January 1, 2020, the Secretary of the Navy shall  
21           provide to the congressional defense committees information  
22           on efforts by the Navy's Physiological Episode Team to com-  
23           bat the prevalence of physiological episodes in F/A-18 Hor-  
24           net and Super Hornet, EA-18G Growler, and T-45 Gos-  
25           hawk aircraft.

1       (b) *ELEMENTS.*—*The information required under sub-*  
2 *section (a) shall include the following elements:*

3           (1) *A description of Naval Aviation Enterprise*  
4 *activities addressing physiological episodes during the*  
5 *reporting period.*

6           (2) *An estimate of funding expended in support*  
7 *of the activities described under paragraph (1).*

8           (3) *A description of any planned or executed*  
9 *changes to Physiological Episode Team structure or*  
10 *processes.*

11          (4) *A description of activities planned for the*  
12 *upcoming two quarters.*

13       (c) *FORM.*—*The information required under subsection*  
14 *(a) may be provided in a written report or a briefing.*

15 **SEC. 1065. STUDIES ON AIRCRAFT INVENTORIES FOR THE**

16                           **AIR FORCE.**

17       (a) *INDEPENDENT STUDIES.*—

18           (1) *IN GENERAL.*—*The Secretary of Defense shall*  
19 *provide for the performance of three independent stud-*  
20 *ies of alternative aircraft inventories through 2030,*  
21 *and an associated force-sizing construct, for the Air*  
22 *Force.*

23           (2) *SUBMITTAL TO CONGRESS.*—*Not later than*  
24 *March 1, 2019, the Secretary shall submit the results*  
25 *of each study to the congressional defense committees.*

1           (3) *FORM.*—*The result of each study shall be sub-*  
2           *mitted in unclassified form, but may include a classi-*  
3           *fied annex.*

4           (b) *ENTITIES TO PERFORM STUDIES.*—*The Secretary*  
5           *shall provide for the studies under subsection (a) to be per-*  
6           *formed as follows:*

7           (1) *One study shall be performed by the Sec-*  
8           *retary of the Air Force, in consultation with the Di-*  
9           *rector of the Office of Net Assessment.*

10          (2) *One study shall be performed by a federally*  
11          *funded research and development center.*

12          (3) *One study shall be conducted by an inde-*  
13          *pendent, nongovernmental institute which is described*  
14          *in section 501(c)(3) of the Internal Revenue Code of*  
15          *1986 and exempt from taxation under section 501(a)*  
16          *of such Code, and has recognized credentials and ex-*  
17          *pertise in national security and military affairs.*

18          (c) *PERFORMANCE OF STUDIES.*—

19          (1) *INDEPENDENT PERFORMANCE.*—*The Sec-*  
20          *retary shall require the studies under this section to*  
21          *be conducted independently of one another.*

22          (2) *MATTERS TO BE CONSIDERED.*—*In per-*  
23          *forming a study under this section, the organization*  
24          *performing the study, while being aware of current*  
25          *and projected aircraft inventories for the Air Force,*

1 shall not be limited by such current or projected air-  
2 craft inventories, and shall consider the following  
3 matters:

4 (A) *The national security and national de-  
5 fense strategies of the United States.*

6 (B) *Potential future threats to the United  
7 States and to United States air and space forces  
8 through 2030.*

9 (C) *Traditional roles and missions of the  
10 Air Force.*

11 (D) *Alternative roles and missions for the  
12 Air Force.*

13 (E) *The force-sizing methodology and ra-  
14 tionale used to calculate aircraft inventory lev-  
15 els.*

16 (F) *Other government and nongovernment  
17 analyses that would contribute to the study  
18 through variations in study assumptions or po-  
19 tential scenarios.*

20 (G) *The role of evolving technology on fu-  
21 ture air forces, including unmanned and space  
22 systems.*

23 (H) *Opportunities for reduced operation  
24 and sustainment costs.*

1           (I) *Current and projected capabilities of*  
2           *other Armed Forces that could affect force struc-*  
3           *ture capability and capacity requirements of the*  
4           *Air Force.*

5           (d) *STUDY RESULTS.*—*The results of each study under*  
6 *this section shall—*

7           (1) *identify a force-sizing construct for the Air*  
8           *Force that connects national security strategy to air-*  
9           *craft inventories;*

10          (2) *present the alternative aircraft inventories*  
11          *considered, with assumptions and possible scenarios*  
12          *identified for each;*

13          (3) *provide for presentation of minority views of*  
14          *study participants; and*

15          (4) *for the recommended inventories, provide—*

16               (A) *the numbers and types of aircraft, the*  
17               *numbers and types of manned and unmanned*  
18               *aircraft, and the basic capabilities of each of*  
19               *such platforms;*

20               (B) *describe the force-sizing rationale used*  
21               *to arrive at the recommended inventory levels;*

22               (C) *other information needed to understand*  
23               *the aircraft inventories in basic form and the*  
24               *supporting analysis; and*

1                   (D) options to address aircraft types whose  
2                   retirement commences before 2030.

3 **SEC. 1066. PLAN AND RECOMMENDATIONS FOR INTER-**  
4                   **AGENCY VETTING OF FOREIGN INVESTMENTS**  
5                   **WITH POTENTIAL IMPACTS ON NATIONAL DE-**  
6                   **FENSE AND NATIONAL SECURITY.**

7           (a) *PLAN AND RECOMMENDATIONS REQUIRED.*—The  
8           Secretary of Defense shall, in consultation with the Sec-  
9           retary of State and the Secretary of Treasury, assess and  
10          develop a plan, and recommendations for agencies of the  
11          United States Government other than the Department of  
12          Defense, to improve the effectiveness of interagency vetting  
13          of foreign investments that could potentially impair both  
14          the national security of the United States and the ability  
15          of the Department to defend the nation, specifically invest-  
16          ments from nations that pose threats to the national secu-  
17          rity interests of the United States.

18          (b) *OBJECTIVES.*—The assessment, plan, and rec-  
19          ommendations required by subsection (a) shall have the fol-  
20          lowing objectives:

21               (1) *To increase collaboration and coordination*  
22               *among the Department of Defense and other agencies*  
23               *of the United States Government, including the Direc-*  
24               *tor of National Intelligence, in the identification and*  
25               *prevention of foreign investments that could poten-*

1 *tially impair the national security of the United*  
2 *States and the ability of the Department to defend the*  
3 *nation.*

4 (2) *To increase collaboration and cooperation*  
5 *among the United States Government and govern-*  
6 *ments of United States allies and partners on invest-*  
7 *ments described in paragraph (1), including through*  
8 *information sharing.*

9 (3) *To restrict investments described in para-*  
10 *graph (1) by countries of special concern in critical*  
11 *technologies and emerging technologies that are*  
12 *foundational for maintaining the United States tech-*  
13 *nological advantage.*

14 (c) *ANALYSIS OF ISSUES.—The plan and recommenda-*  
15 *tions required by subsection (a) shall be based upon the re-*  
16 *sults of an analysis of issues as follows:*

17 (1) *Whether the current interagency vetting proc-*  
18 *esses and policies place adequate focus on the country*  
19 *of origin of each transaction, particularly when it is*  
20 *a country of special concern, and whether certain*  
21 *transactions emanating from those countries should be*  
22 *presumed to pose certain risks to the ability of the*  
23 *Department to defend the nation.*

24 (2) *What are the current or projected major*  
25 *vulnerabilities of the Department pertaining to for-*

1     *oreign investment, including in the areas of cybersecu-*  
2     *urity, reliance on foreign suppliers in the supply chain*  
3     *for defense equipment, limitations on access to certain*  
4     *materials that are essential for national defense, and*  
5     *the use of transportation assets and other critical in-*  
6     *frastructure for training, mobilizing, and deploying*  
7     *forces.*

8             *(3) Whether the current interagency vetting proc-*  
9     *ess for foreign investments—*

10             *(A) requires additional resources in order to*  
11     *be effective;*

12             *(B) permits the Department adequate time*  
13     *to thoroughly review transactions to conduct na-*  
14     *tional security threat assessments and also deter-*  
15     *mine the impacts of transactions on national de-*  
16     *fense;*

17             *(C) adequately takes into account risks to*  
18     *the ability of the Department to defend the na-*  
19     *tion posed by transactions before attempting to*  
20     *mitigate them in various ways; and*

21             *(D) provides adequate monitoring and com-*  
22     *pliance of agreements to mitigate such risks.*

23             *(4) Whether other agencies of the United States*  
24     *Government, including the Department of the Inte-*  
25     *rior, are aware of the counterintelligence risks posed*

1     *to facilities of the Department by purchases or leases*  
2     *of nearby Federal land and are cooperative in pro-*  
3     *viding information to permit a proper assessment of*  
4     *those risks.*

5             *(5) Whether and to what extent industrial espio-*  
6     *nage is occurring against private United States com-*  
7     *panies to obtain commercial secrets related to critical*  
8     *or foundational technologies.*

9             *(6) Whether and to what extent future foreign in-*  
10    *vestments have the potential for any of the following:*

11                 *(A) To increase the cost to the Department*  
12                 *of acquiring or maintaining necessary defense-*  
13                 *related equipment and systems.*

14                 *(B) To reduce the United States techno-*  
15                 *logical and industrial advantage relative to any*  
16                 *country of special concern.*

17                 *(C) To give any country of special concern*  
18                 *a heightened ability to conduct information war-*  
19                 *fare against the United States, including through*  
20                 *the spread false or misleading information to the*  
21                 *American public and the manipulation of Amer-*  
22                 *ican public opinion on critical public policy*  
23                 *issues.*

1           (7) *Whether currently mandated annual reports*  
2 *to Congress on the interagency vetting of foreign in-*  
3 *vestments provide valuable information.*

4           (d) *ELEMENTS.*—*The elements of the assessment, plan,*  
5 *and recommendations required by subsection (a) shall in-*  
6 *clude the following:*

7           (1) *A list of countries of special concern for in-*  
8 *vestments that could potentially impair the ability of*  
9 *the Department to defend the nation.*

10          (2) *A description of recent trends in foreign in-*  
11 *vestment transactions by countries of special concern,*  
12 *including joint ventures, the sale of assets pursuant to*  
13 *bankruptcy, and the purchase or lease of real estate*  
14 *in proximity to military installations.*

15          (3) *A description of any strategies used by coun-*  
16 *tries of special concern to exploit vulnerabilities in*  
17 *existing foreign investment vetting processes and reg-*  
18 *ulations.*

19          (4) *An assessment of any market distortion or*  
20 *unfair competition by any country of special concern*  
21 *that directly or indirectly impairs the national secu-*  
22 *rity or the United States and the ability of the De-*  
23 *partment to defend the nation.*

24          (e) *REPORTS.*—

1           (1) *INTERIM REPORT.*—Not later than 90 days  
2 after the date of the enactment of this Act, the Sec-  
3 retary of Defense shall submit to the Committees on  
4 Armed Services of the Senate and the House of Rep-  
5 resentatives a report on the progress of the Secretary  
6 in developing the plan and recommendations required  
7 by subsection (a).

8           (2) *FINAL REPORT.*—Not later than 180 days  
9 after the date of the enactment of this Act, the Sec-  
10 retary shall submit to the committees of Congress re-  
11 ferred to in paragraph (1) a report setting forth the  
12 plan and recommendations developed pursuant to  
13 subsection (a).

14           (3) *FORM.*—Each report under this subsection  
15 shall be submitted in unclassified form, but may in-  
16 clude a classified annex.

17 **SEC. 1067. REPORT ON AUTHORITIES FOR THE EMPLOY-**  
18 **MENT, USE, AND STATUS OF NATIONAL**  
19 **GUARD AND RESERVE TECHNICIANS.**

20           (a) *IN GENERAL.*—Not later than April 1, 2018, the  
21 Secretary of Defense shall submit to the Committees on  
22 Armed Services of the Senate and the House of Representa-  
23 tives a report setting forth the results of a review, under-  
24 taken by the Secretary for purposes of the report, of the fol-  
25 lowing:

1           (1) *Authority for the employment, use, and sta-*  
2 *tus of National Guard technicians under section 709*  
3 *of title 32, United States Code (commonly referred to*  
4 *as the “National Guard Technicians Act of 1968”).*

5           (2) *Authorities for the employment, use, and sta-*  
6 *tus of National Guard and Reserve technicians under*  
7 *sections 10216 through 10218 of title 10, United*  
8 *States Code.*

9           (3) *Any other authorities on the employment,*  
10 *use, and status of National Guard and Reserve tech-*  
11 *nicians under law.*

12       (b) *PURPOSES.—The purposes of the review required*  
13 *pursuant to subsection (a) shall be as follows:*

14           (1) *To define the mission and requirements of*  
15 *National Guard and Reserve technicians.*

16           (2) *To identify means to improve the manage-*  
17 *ment and administration of the National Guard and*  
18 *Reserve technician workforce.*

19           (3) *To identify means to enhance the capability*  
20 *of the Department of Defense to recruit and retain*  
21 *National Guard and Reserve technicians.*

22           (4) *To assess the current career progression*  
23 *tracks of National Guard and Reserve technicians.*

24       (c) *CONSULTATION.—In conducting the review re-*  
25 *quired pursuant to subsection (a), the Secretary shall con-*

1 *sult with the Chief of the National Guard Bureau, the Chief*  
2 *of Army Reserve, the Chief of Air Force Reserve, and rep-*  
3 *resentatives of National Guard and Reserve technicians (in-*  
4 *cluding collective bargaining representatives of such techni-*  
5 *cians).*

6 (d) *INCLUSION OF RECENT AUTHORITIES IN RE-*  
7 *VIEW.—The Secretary shall ensure that the review required*  
8 *pursuant to subsection (a) takes into account authorities,*  
9 *and modifications of authorities, for the employment, use,*  
10 *and status of National Guard and Reserve technicians in*  
11 *the National Defense Authorization Act for Fiscal Year*  
12 *2016 (Public Law 114–92) and the National Defense Au-*  
13 *thorization Act for Fiscal Year 2017 (Public Law 114–328).*

14 (e) *REQUIRED ELEMENTS.—In meeting the purposes*  
15 *of the review as set forth in subsection (b), the review re-*  
16 *quired pursuant to subsection (a) shall address, in par-*  
17 *ticular, the following:*

18 (1) *The extent to which National Guard and Re-*  
19 *serve technicians are assigned military duties incon-*  
20 *sistent with, or of a different nature than, their civil-*  
21 *ian duties, the impact of such assignments on unit*  
22 *readiness, and the effect of such assignments on the*  
23 *career progression of technicians.*

24 (2) *The use by the Department of Defense (espe-*  
25 *cially within the National Guard) of selective reten-*

1        *tion boards to separate National Guard and Reserve*  
2        *technicians from military service (with the effect of*  
3        *thereby separating them from civilian service) before*  
4        *they accrue a full, unreduced retirement annuity in*  
5        *connection with Federal civilian service, and whether*  
6        *that use is consistent with the authority in section*  
7        *10216(f) of title 10, United States Code, that techni-*  
8        *cians be permitted to remain in service past their*  
9        *mandatory separation date until they qualify for an*  
10       *unreduced retirement annuity.*

11            *(3) The feasibility and advisability of extending*  
12        *eligibility for benefits under the TRICARE program*  
13        *to National Guard and Reserve technicians, including*  
14        *the types, if any, of benefits whose extension would be*  
15        *feasible and advisable.*

16            *(4) The impact on recruitment and retention,*  
17        *and the budgetary impact, of permitting National*  
18        *Guard and Reserve technicians who receive an enlist-*  
19        *ment incentive before becoming a technician to retain*  
20        *such incentive upon becoming a technician.*

21        *(f) REPORT ELEMENTS.—The report required by sub-*  
22        *section (a) shall include the following:*

23            *(1) The results of the review undertaken pursu-*  
24        *ant to subsection (a), including on the matters set*  
25        *forth in subsections (b) and (e).*

1           (2) *Such recommendations for legislative or ad-*  
2           *ministrative action as the Secretary considers appro-*  
3           *priate in light of the review in order to improve and*  
4           *enhance the employment, use, and status of National*  
5           *Guard and Reserve technicians.*

6 **SEC. 1068. CONFORMING REPEALS AND TECHNICAL AMEND-**  
7           **MENTS IN CONNECTION WITH REPORTS OF**  
8           **THE DEPARTMENT OF DEFENSE WHOSE SUB-**  
9           **MITTAL TO CONGRESS HAS PREVIOUSLY**  
10           **BEEN TERMINATED BY LAW.**

11           (a) *TITLE 10, UNITED STATES CODE.—Title 10,*  
12 *United States Code, is amended as follows:*

13           (1) *Section 113(c) is amended—*

14                   (A) *by striking paragraph (2);*

15                   (B) *by striking “(1)”;* and

16                   (C) *by redesignating subparagraphs (A),*  
17           *(B), and (C) as paragraphs (1), (2), and (3), re-*  
18           *spectively.*

19           (2) *Section 113 is further amended by striking*  
20           *subsection (l).*

21           (3)(A) *Section 115a is repealed.*

22           (B) *The table of sections at the beginning of*  
23           *chapter 2 is amended by striking the item relating to*  
24           *section 115a.*

1           (4) *Section 386(c)(1) is amended by striking*  
2           *“331,”.*

3           (5)(A) *Section 235 is repealed.*

4           (B) *The table of sections at the beginning of*  
5           *chapter 9 is amended by striking the item relating to*  
6           *section 235.*

7           (6) *Section 428 is amended by striking sub-*  
8           *section (f).*

9           (7) *Section 974(d) is amended by striking para-*  
10          *graph (3).*

11          (8) *Section 1073b is amended—*

12                 (A) *by striking subsection (a); and*

13                 (B) *by redesignating subsections (b) and (c)*  
14                 *as subsections (a) and (b), respectively.*

15          (9) *Section 1597 is amended—*

16                 (A) *by striking subsection (c);*

17                 (B) *by redesignating subsections (d), (e),*  
18                 *and (f) as subsections (c), (d), and (e), respec-*  
19                 *tively; and*

20                 (C) *in subsection (c), as redesignated by*  
21                 *subparagraph (B), by striking “or a master plan*  
22                 *prepared under subsection (c)”.*

23          (10) *Section 1705 is amended—*

24                 (A) *by striking subsection (f); and*

1                   (B) by redesignating subsections (g) and (h)  
2                   as subsections (f) and (g), respectively.

3                   (11) Section 1722b is amended by striking sub-  
4                   section (c).

5                   (12) Section 1781b is amended by striking sub-  
6                   section (d).

7                   (13) Section 2193b is amended—

8                   (A) by striking subsection (g); and

9                   (B) by redesignating subsection (h) as sub-  
10                  section (g).

11                  (14) Section 2262 is amended by striking sub-  
12                  section (d).

13                  (15) Section 2263 is amended—

14                  (A) by striking subsection (b); and

15                  (B) by redesignating subsection (c) as sub-  
16                  section (b).

17                  (16)(A) Section 2277 is repealed.

18                  (B) The table of sections at the beginning of  
19                  chapter 135 is amended by striking the item relating  
20                  to section 2277.

21                  (17) Section 2306b(l) is amended—

22                  (A) by striking paragraphs (4) and (5); and

23                  (B) by redesignating paragraphs (6), (7),  
24                  (8), and (9) as paragraphs (4), (5), and (6), and  
25                  (7), respectively.

1           (18)(A) *Section 2313a is repealed.*

2           (B) *The table of sections at the beginning of*  
3 *chapter 137 is amended by striking the item relating*  
4 *to section 2313a.*

5           (19) *Section 2330a is amended by striking sub-*  
6 *section (c).*

7           (20) *Section 2350j is amended by striking sub-*  
8 *section (f).*

9           (21) *Section 2410i(c) is amended by striking the*  
10 *second sentence.*

11          (22) *Section 2475 is amended—*

12           (A) *by striking subsection (a); and*

13           (B) *by striking “(b) NOTIFICATION OF DE-*  
14 *CISION TO EXECUTE PLAN.—”.*

15          (23) *Section 2506 is amended—*

16           (A) *by striking “(a) DEPARTMENTAL GUID-*  
17 *ANCE.—”; and*

18           (B) *by striking subsection (b).*

19          (24) *Section 2537 is amended—*

20           (A) *by striking subsection (b); and*

21           (B) *by redesignating subsection (c) as sub-*  
22 *section (b).*

23          (25) *Section 2564 is amended—*

24           (A) *by striking subsection (e); and*

1           (B) by redesignating subsections (f) and (g)  
2 as subsection (e) and (f), respectively.

3           (26) Section 2831 is amended—

4           (A) by striking subsection (e);

5           (B) by redesignating subsection (f) as sub-  
6 section (e); and

7           (C) in subsection (e), as so redesignated—

8           (i) by striking “(1) Except as provided  
9 in paragraphs (2) and (3), the Secretary”  
10 and inserting “The Secretary”;

11           (ii) by striking paragraphs (2) and  
12 (3); and

13           (iii) by redesignating subparagraphs  
14 (A) and (B) as paragraphs (1) and (2), re-  
15 spectively.

16           (27) Section 2859 is amended—

17           (A) by striking subsection (c); and

18           (B) by redesignating subsection (d) as sub-  
19 section (c).

20           (28) Section 2861 is amended by striking sub-  
21 section (d).

22           (29) Section 2866(b) is amended by striking  
23 paragraph (3).

24           (30) Section 2912 is amended by striking sub-  
25 section (d).

1           (31)(A) *Section 4316 is repealed.*

2           (B) *The table of sections at the beginning of*  
3 *chapter 401 is amended by striking the item relating*  
4 *to section 4316.*

5           (32) *Section 5144(d) is amended—*

6                 (A) *by striking “(1)” before “The Com-*  
7 *mander”;* and

8                 (B) *by striking paragraph (2).*

9           (33) *Section 10504 is amended—*

10                 (A) *by striking “(a) ANNUAL REPORT.—”;*

11                 and

12                 (B) *by striking subsection (b).*

13           (b) *TITLE 32, UNITED STATES CODE.—Section 509 of*  
14 *title 32, United States Code, is amended—*

15                 (1) *by striking subsection (k); and*

16                 (2) *by redesignating subsections (l) and (m) as*  
17 *subsections (k) and (l), respectively.*

18           (c) *TITLE 5, UNITED STATES CODE.—Section*  
19 *9902(f)(2) of title 5, United States Code, is amended—*

20                 (1) *by striking “(A)” after “(2)”;* and

21                 (2) *by striking subparagraphs (B) and (C).*

22           (d) *DEPARTMENT OF DEFENSE AUTHORIZATION ACT,*  
23 *1985.—Section 1003 of the Department of Defense Author-*  
24 *ization Act, 1985 (Public Law 98–525; 22 U.S.C. 1928*  
25 *note) is amended by striking subsections (c) and (d).*

1       (e) NATIONAL DEFENSE AUTHORIZATION ACT, FISCAL  
2 YEAR 1989.—Subsection (b) of section 1009 of the National  
3 Defense Authorization Act, Fiscal Year 1989 (Public Law  
4 100–456; 22 U.S.C. 1928 note) is repealed.

5       (f) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
6 FISCAL YEARS 1990 AND 1991.—Section 211 of the Na-  
7 tional Defense Authorization Act for Fiscal Years 1990 and  
8 1991 (Public Law 101–189; 103 Stat. 1394) is amended  
9 by striking subsection (e).

10       (g) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
11 FISCAL YEAR 1991.—Section 1518 of the National Defense  
12 Authorization Act for Fiscal Year 1991 (Public Law 101–  
13 510; 24 U.S.C. 418) is amended—

14             (1) in subsection (c)(1), by striking “Congress  
15 and” in the second sentence; and

16             (2) in subsection (e)—

17                 (A) by striking paragraph (2);

18                 (B) by striking “(1)” before “Not later  
19 than”; and

20                 (C) by redesignating subparagraphs (A)  
21 and (B) as paragraphs (1) and (2), respectively.

22       (h) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
23 FISCAL YEAR 1994.—Section 1603 of the National Defense  
24 Authorization Act for Fiscal Year 1994 (Public Law 103–

1 160; 22 U.S.C. 2751 note) is amended by striking subsection  
2 (d).

3 (i) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
4 FISCAL YEAR 1995.—Section 533 of the National Defense  
5 Authorization Act for Fiscal Year 1995 (Public Law 103–  
6 337; 10 U.S.C. 113 note) is repealed.

7 (j) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
8 FISCAL YEAR 2000.—Section 366 of the National Defense  
9 Authorization Act for Fiscal Year 2000 (Public Law 106–  
10 65; 10 U.S.C. 113 note) is amended by striking subsection  
11 (f).

12 (k) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
13 FISCAL YEAR 2002.—The National Defense Authorization  
14 Act for Fiscal Year 2002 (Public Law 107–107) is amended  
15 as follows:

16 (1) Section 346 (115 Stat. 1062) is amended—  
17 (A) by striking subsections (b) and (c); and  
18 (B) by redesignating subsection (d) as sub-  
19 section (b).

20 (2) Section 1008(d) (10 U.S.C. 113 note) is  
21 amended—  
22 (A) by striking “(1)” before “On each”; and  
23 (B) by striking paragraph (2).

24 (l) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
25 FISCAL YEAR 2003.—Section 817 of the Bob Stump Na-

1 *tional Defense Authorization Act for Fiscal Year 2003 (Pub-*  
2 *lic Law 107–314; 10 U.S.C. 2306a note) is amended—*

3 *(1) by striking subsection (d); and*

4 *(2) by redesignating subsection (e) as subsection*  
5 *(d).*

6 *(m) NATIONAL DEFENSE AUTHORIZATION ACT FOR*  
7 *FISCAL YEAR 2004.—Section 1022 of the National Defense*  
8 *Authorization Act for Fiscal Year 2004 (Public Law 108–*  
9 *136; 10 U.S.C. 271 note) is amended—*

10 *(1) by striking subsection (c); and*

11 *(2) by redesignating subsections (d) and (e) as*  
12 *subsections (c) and (d), respectively.*

13 *(n) NATIONAL DEFENSE AUTHORIZATION ACT FOR*  
14 *FISCAL YEAR 2006.—The National Defense Authorization*  
15 *Act for Fiscal Year 2006 (Public Law 109–163) is amended*  
16 *as follows:*

17 *(1) Section 123 (119 Stat. 3157) is amended—*

18 *(A) by striking subsection (d); and*

19 *(B) by redesignating subsection (e) as sub-*  
20 *section (d).*

21 *(2) Section 218(c) (119 Stat. 3171) is amended*  
22 *by striking paragraph (3).*

23 *(3) Section 1224 (10 U.S.C. 113 note) is re-*  
24 *pealed.*

1       (o) *NATIONAL DEFENSE AUTHORIZATION ACT FOR*  
2 *FISCAL YEAR 2007.*—Section 357 of the John Warner Na-  
3 *tional Defense Authorization Act for Fiscal Year 2007 (Pub-*  
4 *lic Law 109–364; 22 U.S.C. 4865 note) is amended—*

5           (1) *by striking “(a) RECONCILIATION RE-*  
6 *QUIRED.—”; and*

7           (2) *by striking subsection (b).*

8       (p) *NATIONAL DEFENSE AUTHORIZATION ACT FOR*  
9 *FISCAL YEAR 2008.*—*The National Defense Authorization*  
10 *Act for Fiscal Year 2008 (Public Law 110–181) is amended*  
11 *as follows:*

12           (1) *Section 328 (10 U.S.C. 4544 note) is amend-*  
13 *ed by striking subsection (b).*

14           (2) *Section 330 (122 Stat. 68) is amended by*  
15 *striking subsection (e).*

16           (3) *Section 845 (5 U.S.C. App. 5 note) is re-*  
17 *pealed.*

18       (q) *NATIONAL DEFENSE AUTHORIZATION ACT FOR*  
19 *FISCAL YEAR 2009.*—*The Duncan Hunter National Defense*  
20 *Authorization Act for Fiscal Year 2009 (Public Law 110–*  
21 *417) is amended as follows:*

22           (1) *Section 943 (122 Stat. 4578) is amended—*  
23           (A) *by striking subsection (e); and*

1           (B) by redesignating subsections (f), (g),  
2           and (h) as subsections (e), (f), and (g), respec-  
3           tively.

4           (2) Section 1014 (122 Stat. 4586) is amended by  
5           striking subsection (c).

6           (3) Section 1048 (122 Stat. 4603) is repealed.

7           (r) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
8 FISCAL YEAR 2010.—Section 121 of the National Defense  
9 Authorization Act for Fiscal Year 2010 (Public Law 111–  
10 84; 123 Stat. 2211) is amended—

11           (1) by striking subsection (e); and

12           (2) by redesignating subsection (f) as subsection  
13           (e).

14           (s) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
15 FISCAL YEAR 2011.—The Ike Skelton National Defense Au-  
16 thorization Act for Fiscal Year 2011 (Public Law 111–383)  
17 is amended as follows:

18           (1) Section 112(b) (124 Stat. 4153) is amend-  
19           ed—

20           (A) by striking paragraph (3); and

21           (B) by redesignating paragraph (4) as  
22           paragraph (3).

23           (2) Section 243 (10 U.S.C. 2358 note) is amend-  
24           ed—

25           (A) by striking subsection (c); and

1           (B) by redesignating subsections (d) and (e)  
2           as subsections (c) and (d), respectively.

3           (3) Section 866(d) (10 U.S.C. 2302 note) is  
4           amended—

5           (A) by striking “(d) REPORTS.—” and all  
6           that follows through “(2) PROGRAM ASSESS-  
7           MENT.—If the Secretary” and inserting the fol-  
8           lowing:

9           “(d) PROGRAM ASSESSMENT.—If the Secretary”; and

10           (B) by redesignating subparagraphs (A),  
11           (B), and (C) as paragraphs (1), (2), and (3), re-  
12           spectively, and indenting the left margin of such  
13           paragraphs, as so redesignated, two ems from the  
14           left margin.

15           (4) Section 1054 (10 U.S.C. 113 note) is re-  
16           pealed.

17           (t) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
18           FISCAL YEAR 2012.—The National Defense Authorization  
19           Act for Fiscal Year 2012 (Public Law 112–81) is amended  
20           as follows:

21           (1) Subsection (b) of section 1102 (5 U.S.C. 9902  
22           note) is repealed.

23           (2) Section 1207 (22 U.S.C. 2151 note) is  
24           amended—

25           (A) by striking subsection (n); and

1           (B) by redesignating subsections (o) and (p)  
2           as subsections (n) and (o), respectively.

3           (3) Section 2828 (10 U.S.C. 7291 note) is  
4           amended—

5           (A) by striking “(a) *METERING RE-*  
6           *QUIRED.—*”; and

7           (B) by striking subsection (b).

8           (4) Section 2867 (10 U.S.C. 2223a note) is  
9           amended by striking subsection (d).

10          (u) *NATIONAL DEFENSE AUTHORIZATION ACT FOR*  
11 *FISCAL YEAR 2013.—The National Defense Authorization*  
12 *Act for Fiscal Year 2013 (Public Law 112–239) is amended*  
13 *as follows:*

14          (1) Section 126 (126 Stat. 1657) is amended—

15           (A) by striking “(a) *DESIGNATION RE-*  
16           *QUIRED.—*”; and

17           (B) by striking subsection (b).

18          (2) Section 144 (126 Stat. 1663) is amended by  
19          striking subsection (c).

20          (3) Section 716 (10 U.S.C. 1074g note) is  
21          amended—

22           (A) by striking subsection (e); and

23           (B) by redesignating subsections (f) and (g)  
24          as subsections (e) and (f), respectively.

1           (4) *Section 738(e) (10 U.S.C. 1071 note) is*  
2 *amended—*

3           (A) *by striking “REPORTS REQUIRED.—”*  
4 *and all that follows through “Not later than”*  
5 *and inserting “REPORT.—Not later than”; and*

6           (B) *by striking paragraph (2).*

7           (5) *Section 865 (126 Stat. 1861) is repealed.*

8           (6) *Section 917 (126 Stat. 1878) is repealed.*

9           (7) *Subsection (c) of section 921 (126 Stat.*  
10 *1878) is repealed.*

11           (8) *Subsection (c) of section 1079 (10 U.S.C. 221*  
12 *note) is repealed.*

13           (9) *Section 1211(d) (126 Stat. 1983) is amend-*  
14 *ed—*

15           (A) *by striking paragraph (3); and*

16           (B) *by redesignating paragraph (4) as*  
17 *paragraph (3).*

18           (10) *Section 1273 (22 U.S.C. 2421f) is amend-*  
19 *ed—*

20           (A) *by striking subsection (d); and*

21           (B) *by redesignating subsection (e) as sub-*  
22 *section (d).*

23           (11) *Section 1276 (10 U.S.C. 2350c note) is*  
24 *amended—*

25           (A) *by striking subsection (e); and*

1                   (B) by redesignating subsections (f) and (g)  
2                   as subsections (e) and (f), respectively.

3           (v) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
4 FISCAL YEAR 2014.—The National Defense Authorization  
5 Act for Fiscal Year 2014 (Public Law 113–66) is amended  
6 as follows:

7           (1) Section 907(c)(3) (10 U.S.C. 1564 note) is  
8 amended—

9                   (A) by striking “METRICS.—” and all that  
10 follows through “In developing the strategy” and  
11 inserting “METRICS.—In developing the strat-  
12 egy”; and

13                   (B) by striking subparagraph (B).

14           (2) Section 923 (10 U.S.C. prec. 421 note) is  
15 amended—

16                   (A) by striking subsection (b); and

17                   (B) by redesignating subsections (c), (d),  
18 and (e) as subsections (b), (c), and (d), respec-  
19 tively.

20           (3) Section 1249 (127 Stat. 925) is repealed.

21           (4) Section 1611 (127 Stat. 947) is amended by  
22 striking subsection (d).

23           (5) Section 2916 (127 Stat. 1028) is amended—

24                   (A) by striking “(a) PROGRAM OF DECON-  
25 TAMINATION REQUIRED.—”; and

1                   (B) by striking subsection (b).

2           (w) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
3 FISCAL YEAR 2015.—The Carl Levin and Howard P.  
4 “Buck” McKeon National Defense Authorization Act for  
5 Fiscal Year 2015 (Public Law 113–291) is amended as fol-  
6 lows:

7           (1) Section 232 (10 U.S.C. 2358 note) is amend-  
8 ed—

9                   (A) by striking subsection (e); and

10                   (B) by redesignating subsections (f) and (g)  
11 as subsections (e) and (f), respectively.

12           (2) Section 914(d) (5 U.S.C. 5911 note) is  
13 amended—

14                   (A) by striking paragraphs (2) and (3); and

15                   (B) by redesignating paragraph (4) as  
16 paragraph (2).

17           (3) Section 1052(b) (128 Stat. 3497) is amend-  
18 ed—

19                   (A) by striking paragraph (2);

20                   (B) by striking “REPORTS REQUIRED.—”  
21 and all that follows through “Not later than”

22 and inserting “REPORT.—Not later than”; and

23                   (C) by redesignating subparagraphs (A),

24                   (B), and (C) as paragraphs (1), (2), and (3) and

1           *indenting the left margin of such paragraphs, as*  
2           *so redesignated, two ems from the left margin.*

3           (4) *Section 1207 (10 U.S.C. 2342 note) is*  
4           *amended—*

5                     (A) *by striking subsection (d); and*

6                     (B) *by redesignating subsections (e) and (f)*  
7           *as subsections (d) and (e), respectively.*

8           (5) *Section 1209 (128 Stat. 3542) is amended by*  
9           *striking subsection (d).*

10           (6) *Section 1236 (128 Stat. 3559) is amended by*  
11           *striking subsection (d).*

12           (7) *Section 1325 (50 U.S.C. 3715) is amended—*

13                     (A) *by striking subsection (e); and*

14                     (B) *by redesignating subsections (f) and (g)*  
15           *as subsections (e) and (f), respectively.*

16           (8) *Section 1341 (50 U.S.C. 3741) is repealed.*

17           (9) *Section 1342 (50 U.S.C. 3742) is repealed.*

18           (10) *Section 1532(b) (128 Stat. 3613) is amend-*  
19           *ed by striking paragraph (5).*

20           (11) *Section 1534 (128 Stat. 3616) is amend-*  
21           *ed—*

22                     (A) *by striking subsection (g); and*

23                     (B) *by redesignating subsection (h) as sub-*  
24           *section (g).*

1           (12) *Section 1607 (128 Stat. 3625) is amend-*  
2 *ed—*

3                   (A) *by striking subsection (b);*

4                   (B) *by redesignating subsections (c) and (d)*  
5 *as subsections (b) and (c), respectively; and*

6                   (C) *in subsection (c), as redesignated by*  
7 *subparagraph (B), by striking “requirements*  
8 *under subsections (a) and (b)” and inserting*  
9 *“requirement in subsection (a)”.*

10           (x) *INTELLIGENCE REFORM AND TERRORISM PREVEN-*  
11 *TION ACT OF 2004.—Section 3002(c) of the Intelligence Re-*  
12 *form and Terrorism Prevention Act of 2004 (50 U.S.C.*  
13 *3343(c)) is amended by striking paragraph (4).*

14 **SEC. 1069. ANNUAL REPORTS ON APPROVAL OF EMPLOY-**  
15 **MENT OR COMPENSATION OF RETIRED GEN-**  
16 **ERAL OR FLAG OFFICERS BY FOREIGN GOV-**  
17 **ERNMENTS FOR EMOLUMENTS CLAUSE PUR-**  
18 **POSES.**

19           (a) *ANNUAL REPORTS.—Section 908 of title 37,*  
20 *United States Code, is amended by adding at the end the*  
21 *following new subsection:*

22                   “(d) *ANNUAL REPORTS ON APPROVALS FOR RETIRED*  
23 *GENERAL AND FLAG OFFICERS.—(1) Not later than Janu-*  
24 *ary 31 each year, the Secretaries of the military depart-*  
25 *ments shall jointly submit to the appropriate committees*

1 *and Members of Congress a report on each approval under*  
2 *subsection (b) for employment or compensation described in*  
3 *subsection (a) for a retired member of the armed forces in*  
4 *a general or flag officer grade that was issued during the*  
5 *preceding year.*

6 “(2) *In this subsection, the appropriate committees*  
7 *and Members of Congress are—*

8 “(A) *the Committee on Armed Services, the Com-*  
9 *mittee on Foreign Relations, and the Committee on*  
10 *Appropriations of the Senate;*

11 “(B) *the Committee on Armed Services, the Com-*  
12 *mittee on Foreign Affairs, and the Committee on Ap-*  
13 *propriations of the House of Representatives;*

14 “(C) *the Majority Leader and the Minority*  
15 *Leader of the Senate; and*

16 “(D) *the Speaker of the House of Representatives*  
17 *and the Minority Leader of the House of Representa-*  
18 *tives.”.*

19 (b) *SCOPE OF FIRST REPORT.—The first report sub-*  
20 *mitted pursuant to subsection (d) of section 908 of title 37,*  
21 *United States Code (as added by subsection (a) of this sec-*  
22 *tion), after the date of the enactment of this Act shall cover*  
23 *the five-year period ending with the year before the year*  
24 *in which such report is submitted.*

1 **SEC. 1070. ANNUAL REPORT ON CIVILIAN CASUALTIES IN**  
2 **CONNECTION WITH UNITED STATES MILI-**  
3 **TARY OPERATIONS.**

4 (a) *ANNUAL REPORT REQUIRED.*—Not later than May  
5 1 each year, the Secretary of Defense shall submit to the  
6 congressional defense committees a report on civilian cas-  
7 ualties caused as a result of United States military oper-  
8 ations during the preceding year.

9 (b) *ELEMENTS.*—Each report under subsection (a)  
10 shall set forth the following:

11 (1) *A list of all the United States military oper-*  
12 *ations during the year covered by such report that*  
13 *were confirmed to have resulted in civilian casualties.*

14 (2) *For each military operation listed pursuant*  
15 *to paragraph (1), the following:*

16 (A) *The date.*

17 (B) *The location.*

18 (C) *The type of operation.*

19 (D) *The confirmed number of civilian cas-*  
20 *ualties.*

21 (c) *FORM.*—Each report under subsection (a) shall be  
22 submitted in unclassified form, but may include a classified  
23 annex.

24 (d) *SUNSET.*—The requirement to submit a report  
25 under subsection (a) shall expire on the date that is five  
26 years after the date of the enactment of this Act.

1 **SEC. 1071. REPORT ON LARGE-SCALE, JOINT EXERCISES IN-**  
2 **VOLVING THE AIR AND LAND DOMAINS.**

3 (a) *FINDINGS.*—Congress makes the following findings:

4 (1) *General Milley has stated that the Army*  
5 *would experience “High Military Risk” against*  
6 *emerging threats or great power conflict.*

7 (2) *General Goldfein has stated that “for 15 con-*  
8 *secutive years, the Army’s been decisively committed*  
9 *to Iraq and Afghanistan and other counter terrorist,*  
10 *counter insurgency type operations. In order to do*  
11 *that, [the Air Force] essentially came off of a core*  
12 *warfare fighting skills of combined arms maneuver*  
13 *against a near peer or a higher end threat”.*

14 (3) *The United States has grown accustomed to*  
15 *technological supremacy and weapons overmatch to*  
16 *deter and defeat potential adversaries.*

17 (4) *The Department of Defense conducts several*  
18 *large-scale, joint exercises that stress interoperability*  
19 *in contested air and sea domains, including the VAL-*  
20 *LIANT SHIELD, NORTHERN EDGE, and RIMPAC*  
21 *exercises, yet few large-scale, joint Army and Air*  
22 *Force exercises exist to stress interoperability in con-*  
23 *tested air and land domains.*

24 (5) *Large-scale, joint training exercises that*  
25 *stress interoperability across domains are a vital part*

1       *of establishing and maintaining military readiness*  
2       *for conflicts involving near-peer competitors.*

3               *(6) It is to the benefit of the United States and*  
4       *the North Atlantic Treaty Organization (NATO) to*  
5       *train to contested air and land operations in order to*  
6       *increase joint and coalition readiness, as well as to*  
7       *correct capability gaps in the European theatre of op-*  
8       *erations that may be discovered during these exercises.*

9       *(b) REPORT REQUIRED.—Not later than 180 days*  
10       *after the date of the enactment of this Act, the Secretary*  
11       *of the Defense shall submit to the congressional defense com-*  
12       *mittees a report on the following:*

13               *(1) Existing large-scale, joint exercises involving*  
14       *the air and land domains.*

15               *(2) Plans to expand the scale and scope of the ex-*  
16       *ercises described in paragraph (1).*

17               *(3) Plans to conduct new large-scale, joint exer-*  
18       *cises in the domains referred to in paragraph (1).*

19       *(c) POTENTIAL LOCATIONS FOR EXPANDED OR NEW*  
20       *EXERCISES.—The report under subsection (b) shall include*  
21       *an analysis of potential locations for the expanded or new*  
22       *exercises covered by the plans described in paragraphs (2)*  
23       *and (3) of that subsection, with priority given to locations*  
24       *that facilitate training by and with—*

1           (1) *sufficient overlapping airspace and ground*  
2 *range capabilities and capacity to meet the training*  
3 *requirements for operating within an anti-access area*  
4 *denial (A2/AD) environment for air and ground oper-*  
5 *ations;*

6           (2) *the ability to host bilateral and multilateral*  
7 *training opportunities with international partners in*  
8 *both the air and land domains;*

9           (3) *limited encroachments that adversely impact*  
10 *training or operations;*

11           (4) *robust use of the electromagnetic spectrum,*  
12 *including global positioning system (GPS), atmos-*  
13 *pheric, and communications-jamming;*

14           (5) *minimization of adversary intelligence collec-*  
15 *tion capabilities;*

16           (6) *realistic replication of diverse geographic,*  
17 *topographic, and weather environments in which a*  
18 *near-peer combined air and ground campaign might*  
19 *occur;*

20           (7) *existing facilities to support personnel, oper-*  
21 *ations, and logistics associated with the flying mis-*  
22 *sions and ground maneuver missions; and*

23           (8) *minimization of overall construction and*  
24 *operational costs.*

1 **SEC. 1072. DEPARTMENT OF DEFENSE REVIEW OF NAVY CA-**  
2 **PABILITIES IN THE ARCTIC REGION.**

3 (a) *REPORT ON CAPABILITIES.*—

4 (1) *IN GENERAL.*—Not later than 180 days after  
5 the date of the enactment of this Act, the Secretary of  
6 the Navy shall submit to the congressional defense  
7 committees a report on the capabilities of the Navy in  
8 the Arctic region.

9 (2) *ELEMENTS.*—The report required by para-  
10 graph (1) shall include an analysis of the following:

11 (A) *The current naval capabilities of the*  
12 *Department of Defense in the Arctic region, with*  
13 *a particular emphasis on surface capabilities.*

14 (B) *Any gaps that exist between the current*  
15 *naval capabilities described in paragraph (1)*  
16 *and the ability of the Department to fully exe-*  
17 *cute its updated strategy for the Arctic region.*

18 (C) *Any gaps in the capabilities described*  
19 *in paragraph (1) that require ice-hardening of*  
20 *existing vessels or the construction of new vessels*  
21 *to preserve freedom of navigation in the Arctic*  
22 *region whenever and wherever necessary.*

23 (D) *An analysis and recommendation of*  
24 *which Navy vessels could be ice-hardened to effec-*  
25 *tively preserve freedom of navigation in the Arc-*



1       **(b) ELEMENTS.**—*The business case analysis conducted*  
2 *under subsection (a) shall address the following:*

3           (1) *Consideration of the addition of two F-35A*  
4 *squadrons at Eielson Air Force Base, Alaska, in*  
5 *2020, and an examination of future shortfalls in air*  
6 *refueling requirements due to such additional air-*  
7 *craft.*

8           (2) *An analysis of potential benefits of adding*  
9 *four primary aircraft authorizations (PAA) for KC-*  
10 *135R tanker aircraft to the 168th Air Refueling*  
11 *Wing.*

12           (3) *Identification of efficiencies and cost savings*  
13 *to be achieved by the 168th Air Refueling Wing after*  
14 *an active or classic association is in place in com-*  
15 *parison with temporarily assigned tanker augmenta-*  
16 *tion rotations.*

17           (4) *A detailed comparison of the costs and bene-*  
18 *fits of an active association for the 168th Air Refuel-*  
19 *ing Wing with a classic association for the Wing.*

20           (5) *An analysis of the effects of the augmented*  
21 *airlift capability arising from additional tanker as-*  
22 *sets for the 168th Air Refueling Wing in better facili-*  
23 *tating rapid deployment of 5th Generation Fighters,*  
24 *necessary support equipment and personnel, and*  
25 *other rapid response forces.*

1       (c) *REPORT.*—Not later than 90 days after the date  
 2 of the enactment of this Act, the Secretary shall submit to  
 3 Congress a report on the business case analysis conducted  
 4 under subsection (a).

5 **SEC. 1074. REPORT ON NAVY CAPACITY TO INCREASE PRO-**  
 6                   **DUCTION OF ANTI-SUBMARINE WARFARE AND**  
 7                   **SEARCH AND RESCUE ROTARY WING AIR-**  
 8                   **CRAFT IN LIGHT OF INCREASE IN THE SIZE**  
 9                   **OF THE SURFACE FLEET TO 355 SHIPS.**

10       Not later than September 15, 2017, the Secretary of  
 11 the Navy shall submit to the congressional defense commit-  
 12 tees a report describing and assessing the capacity of the  
 13 Navy, in light of an increase in the size of the surface fleet  
 14 of the Navy to 355 ships, to increase production of the fol-  
 15 lowing:

16               (1) *Anti-submarine warfare rotary wing air-*  
 17               *craft.*

18               (2) *Search and rescue rotary wing aircraft.*

19                   **Subtitle G—Other Matters**

20 **SEC. 1081. PROTECTION AGAINST MISUSE OF NAVAL SPE-**  
 21                   **CIAL WARFARE COMMAND INSIGNIA.**

22       (a) *IN GENERAL.*—Chapter 663 of title 10, United  
 23 States Code, is amended by adding at the end the following  
 24 new section:

1 **“§ 7882. Protection against misuse of insignia of**  
2 **Naval Special Warfare Command**

3 “(a) *PROTECTION AGAINST MISUSE.*—Subject to sub-  
4 section (b), no person may use any covered Naval Special  
5 Warfare insignia in connection with any promotion, good,  
6 service, or other commercial activity when a particular use  
7 would be likely to suggest a false affiliation, connection, or  
8 association with, endorsement by, or approval of, the  
9 United States Government, the Department of Defense, or  
10 the Department of the Navy.

11 “(b) *EXCEPTION.*—Subsection (a) shall not apply to  
12 the use of a covered Naval Special Warfare insignia for pur-  
13 poses such as criticism, comment, news reporting, analysis,  
14 research, or scholarship.

15 “(c) *TREATMENT OF DISCLAIMERS.*—Any determina-  
16 tion of whether a person has violated this section shall be  
17 made without regard to any use of a disclaimer of affili-  
18 ation, connection, or association with, endorsement by, or  
19 approval of the United States Government, the Department  
20 of Defense, the Department of the Navy, or any subordinate  
21 organization thereof to the extent consistent with inter-  
22 national obligations of the United States.

23 “(d) *ENFORCEMENT.*—Whenever it appears to the At-  
24 torney General that any person is engaged in, or is about  
25 to engage in, an act or practice that constitutes or will con-  
26 stitute conduct prohibited by this section, the Attorney Gen-

1 eral may initiate a civil proceeding in a district court of  
2 the United States to enjoin such act or practice, and such  
3 court may take such injunctive or other action as is war-  
4 ranted to prevent the act, practice, or conduct.

5 “(e) *RULE OF CONSTRUCTION.*—Nothing in this sec-  
6 tion shall be construed to limit the authority of the Sec-  
7 retary of the Navy to register any symbol, name, phrase,  
8 term, acronym, or abbreviation otherwise capable of reg-  
9 istration under the provisions of the Act of July 5, 1946,  
10 popularly known as the Lanham Act or the Trademark Act  
11 of 1946 (15 U.S.C. 1051 et seq.).

12 “(f) *COVERED NAVAL SPECIAL WARFARE INSIGNIA*  
13 *DEFINED.*—In this section, the term ‘covered Naval Special  
14 Warfare insignia’ means any of the following:

15 “(1) *The Naval Special Warfare insignia com-*  
16 *prising or consisting of the design of an eagle holding*  
17 *an anchor, trident, and flint-lock pistol.*

18 “(2) *The Special Warfare Combatant Craft*  
19 *Crewman insignia comprising or consisting of the de-*  
20 *sign of the bow and superstructure of a Special Oper-*  
21 *ations Craft on a crossed flint-lock pistol and enlisted*  
22 *cutlass, on a background of ocean swells.*

23 “(3) *Any colorable imitation of the insignia re-*  
24 *ferred to in paragraphs (1) and (2), in a manner*  
25 *which could reasonably be interpreted or construed as*

1        *conveying the false impression that an advertisement,*  
2        *solicitation, business activity, or product is in any*  
3        *manner approved, endorsed, sponsored, or authorized*  
4        *by, or associated with, the United States Government,*  
5        *the Department of Defense, or the Department of the*  
6        *Navy.”.*

7        (b) *CLERICAL AMENDMENT.—The table of sections at*  
8        *the beginning of chapter 663 of such title is amended by*  
9        *adding at the end the following new item:*

      “7882. *Protection against misuse of insignia of Naval Special Warfare Com-*  
      *mand.”.*

10    **SEC. 1082. COLLABORATIONS BETWEEN THE ARMED**  
11                            **FORCES AND CERTAIN NON-FEDERAL ENTI-**  
12                            **TIES ON SUPPORT OF ARMED FORCES MIS-**  
13                            **SIONS ABROAD.**

14        (a) *FINDING.—The Senate finds that qualified non-*  
15        *Federal entities have contributed to enhance the effectiveness*  
16        *of the mission of the Department of Defense through the pro-*  
17        *vision of private humanitarian, economic, and other non-*  
18        *lethal assistance from United States citizens in response to*  
19        *local needs identified by members of the Armed Forces in*  
20        *areas in which the Armed Forces are deployed abroad.*

21        (b) *SENSE OF SENATE.—It is the sense of the Senate*  
22        *that United States military commanders should collaborate*  
23        *with and, consistent with applicable laws and regulations,*  
24        *provide transportation, lodging, and other logistical sup-*

1 port to qualified non-Federal entities to advance missions  
2 of the Armed Forces abroad.

3 (c) *GUIDANCE ON COLLABORATIONS.*—

4 (1) *REVIEW OF CURRENT GUIDANCE.*—Not later  
5 than 120 days after the date of the enactment of this  
6 Act, the Secretary of Defense shall conduct a review  
7 of the guidance of the Department of Defense applica-  
8 ble to collaborations between United States military  
9 commanders and qualified non-Federal entities for  
10 support of missions of the Armed Forces abroad.

11 (2) *ADDITIONAL GUIDANCE.*—If the Secretary de-  
12 termines pursuant to the review that additional guid-  
13 ance is required in connection with collaborations de-  
14 scribed in paragraph (1), the Secretary shall, not  
15 later than 180 days after the date of the enactment  
16 of this Act, issue such additional guidance as the Sec-  
17 retary considers appropriate in light of the review,  
18 consistent with applicable law.

19 (3) *BRIEFING.*—Not later than 150 days after  
20 the date of the enactment of this Act, the Secretary  
21 shall provide to the Committees on Armed Services of  
22 the Senate and the House of Representatives a brief-  
23 ing on the findings of the review, including rec-  
24 ommendations for such legislative action as the Sec-  
25 retary considers appropriate to facilitate collabora-

1        *tion between United States military commanders and*  
2        *qualified non-Federal entities for support of missions*  
3        *of the Armed Forces abroad.*

4        *(d) QUALIFIED NON-FEDERAL ENTITY DEFINED.—In*  
5        *this section, the term “qualified non-Federal entity” means*  
6        *an organization that—*

7                *(1) is based in the United States;*

8                *(2) has an independent board of directors and is*  
9        *subject to independent financial audits;*

10               *(3) is privately-funded;*

11               *(4) is described in section 501(c)(3) of the Inter-*  
12        *nal Revenue Code of 1986 and is exempt from tax-*  
13        *ation under section 501(a) of such Code;*

14               *(5) provides international humanitarian, eco-*  
15        *nomie, or other non-lethal assistance;*

16               *(6) is a Private Voluntary Organization reg-*  
17        *istered with the United States Agency for Inter-*  
18        *national Development; and*

19               *(7) has a stated mission of supporting the safety*  
20        *and security of members of the Armed Forces, civilian*  
21        *personnel of the United States, and United States*  
22        *missions abroad.*

23        **SEC. 1083. FEDERAL CHARTER FOR SPIRIT OF AMERICA.**

24        *(a) FEDERAL CHARTER.—*

1           (1) *IN GENERAL.*—*Part B of subtitle II of title*  
2           *36, United States Code, is amended by inserting after*  
3           *chapter 2003 the following new chapter:*

4           **“CHAPTER 2005—SPIRIT OF AMERICA**

          “*Sec.*

          “200501. *Organization.*

          “200502. *Purposes.*

          “200503. *Powers.*

          “200504. *Duty to maintain tax-exempt status.*

          “200505. *Annual report.*

5           **“§ 200501. Organization**

6           “(a) *FEDERAL CHARTER.*—*Spirit of America (in this*  
7           *chapter ‘the corporation’), a nonprofit corporation, is a fed-*  
8           *erally chartered corporation.*

9           “(b) *EXPIRATION OF CHARTER.*—*If the corporation*  
10           *does not comply with the provisions of this chapter, the*  
11           *charter granted by this chapter expires.*

12           “(c) *SCOPE OF CHARTER.*—*Nothing in the charter*  
13           *granted by this chapter shall be construed as conferring spe-*  
14           *cial rights or privileges upon the corporation, or as placing*  
15           *upon the Department of Defense any obligation with respect*  
16           *to the corporation.*

17           “(d) *NO CLAIM OF GOVERNMENTAL APPROVAL OR AU-*  
18           *THORITY.*—*The corporation may not claim approval of*  
19           *Congress, or the authority of the United States, for any ac-*  
20           *tivity of the corporation.*

1 **“§ 200502. Purposes**

2       *“The purposes of the corporation are as provided in*  
3 *its constitution and bylaws and include the following patri-*  
4 *otic, charitable, and inspirational purposes:*

5           *“(1) To respond to the needs of local populations*  
6 *abroad, as identified by members of the Armed Forces*  
7 *and diplomats of the United States abroad.*

8           *“(2) To provide privately-funded humanitarian,*  
9 *economic, and other nonlethal assistance to address*  
10 *such needs.*

11           *“(3) To support the safety and success of mem-*  
12 *bers of the Armed Forces and diplomats of the United*  
13 *States abroad.*

14           *“(4) To connect the people of the United States*  
15 *more closely to the members of the Armed Forces and*  
16 *diplomats of the United States abroad, and to the*  
17 *missions carried out by such personnel abroad.*

18           *“(5) To demonstrate the goodwill of the people of*  
19 *the United States to peoples around the world.*

20 **“§ 200503. Powers**

21       *“The corporation may—*

22           *“(1) adopt and amend a constitution, by-laws,*  
23 *and regulations to carry out the purposes of the cor-*  
24 *poration;*

25           *“(2) adopt and alter a corporate seal;*

1           “(3) establish and maintain offices to conduct its  
2           activities;

3           “(4) enter into contracts;

4           “(5) acquire, own, lease, encumber, and transfer  
5           property as necessary and appropriate to carry out  
6           the purposes of the corporation;

7           “(6) establish, regulate, and discontinue subordi-  
8           nate State and territorial subdivisions and local  
9           chapters or posts;

10          “(7) publish a magazine and other publications  
11          (including through the Internet);

12          “(8) sue and be sued; and

13          “(9) do any other act necessary and proper to  
14          carry out the purposes of the corporation as provided  
15          in its constitution, by-laws, and regulations.

16       **“§ 200504. Duty to maintain tax-exempt status**

17          “The corporation shall maintain its status as an orga-  
18          nization exempt from taxation under the Internal Revenue  
19          Code of 1986.

20       **“§ 200505. Annual report**

21          “The corporation shall submit an annual report to  
22          Congress on the activities of the corporation during the  
23          prior fiscal year. The report shall be submitted at the same  
24          time as the report of the audit required by section 10101

1 of this title. The report may not be printed as public docu-  
2 ment.”.

3 (2) *TABLES OF CHAPTERS.*—The table of chap-  
4 ters at the beginning of title 36, United States Code,  
5 and at the beginning of subtitle II of such title, are  
6 each amended by inserting after the item relating to  
7 chapter 2003 the following new item:

“**2005. Spirit of America** .....**200501.**”.

8 (b) *DISTRIBUTION OF CORPORATION ASSISTANCE*  
9 *ABROAD THROUGH DEPARTMENT OF DEFENSE.*—

10 (1) *ACCEPTANCE AND COORDINATION OF ASSIST-*  
11 *ANCE.*—The Department of Defense (including mem-  
12 bers of the Armed Forces) may, in the discretion of  
13 the Secretary of Defense and in accordance with guid-  
14 ance issued by the Secretary—

15 (A) accept from Spirit of America, a feder-  
16 ally-chartered corporation under chapter 2005 of  
17 title 36, United States Code (as added by sub-  
18 section (a)), humanitarian, economic, and other  
19 nonlethal assistance funded by private funds in  
20 the carrying out of the purposes of the corpora-  
21 tion; and

22 (B) respond to requests from the corporation  
23 for the identification of the needs of local popu-  
24 lations abroad for assistance, and coordinate  
25 with the corporation in the provision and dis-

1           *tribution of such assistance, in the carrying out*  
2           *of such purposes.*

3           (2) *DISTRIBUTION OF ASSISTANCE TO LOCAL*  
4           *POPULATIONS.—In accordance with guidance issued*  
5           *by the Secretary, members of the Armed Forces*  
6           *abroad may provide to local populations abroad hu-*  
7           *manitarian, economic, and other nonlethal assistance*  
8           *provided to the Department by the corporation pursu-*  
9           *ant to this subsection.*

10          (3) *SCOPE OF GUIDANCE.—The guidance issued*  
11          *pursuant to this subsection shall ensure that any as-*  
12          *sistance distributed pursuant to this subsection shall*  
13          *be for purposes of supporting the mission or missions*  
14          *of the Department and the Armed Forces for which*  
15          *such assistance is provided by the corporation.*

16          (4) *DoD SUPPORT FOR CORPORATION ACTIVI-*  
17          *TIES.—In accordance with guidance issued by the*  
18          *Secretary, the Department and the Armed Forces*  
19          *may—*

20                 (A) *provide transportation, lodging, storage,*  
21                 *and other logistical support—*

22                         (i) *to personnel of the corporation*  
23                         *(whether in the United States or abroad)*  
24                         *who are carrying out the purposes of the*  
25                         *corporation; and*

1                   (ii) in connection with the acceptance  
2                   and distribution of assistance provided by  
3                   the corporation; and

4                   (B) use assets of the Department and the  
5                   Armed Forces in the provision of support de-  
6                   scribed in subparagraph (A).

7 **SEC. 1084. RECONSIDERATION OF CLAIMS FOR DISABILITY**  
8                   **COMPENSATION FOR VETERANS WHO WERE**  
9                   **THE SUBJECTS OF MUSTARD GAS OR LEW-**  
10                   **ISITE EXPERIMENTS DURING WORLD WAR II.**

11           (a) *RECONSIDERATION OF CLAIMS FOR DISABILITY*  
12 *COMPENSATION IN CONNECTION WITH EXPOSURE TO MUS-*  
13 *TARD GAS OR LEWISITE.—*

14                   (1) *IN GENERAL.—The Secretary of Veterans Af-*  
15 *fairs, in consultation with the Secretary of Defense,*  
16 *shall reconsider all claims for compensation described*  
17 *in paragraph (2) and make a new determination re-*  
18 *garding each such claim.*

19                   (2) *CLAIMS FOR COMPENSATION DESCRIBED.—*  
20 *Claims for compensation described in this paragraph*  
21 *are claims for compensation under chapter 11 of title*  
22 *38, United States Code, that the Secretary of Veterans*  
23 *Affairs determines are in connection with full-body*  
24 *exposure to mustard gas or lewisite during active*  
25 *military, naval, or air service during World War II*

1       *and that were denied before the date of the enactment*  
2       *of this Act.*

3               (3) *PRESUMPTION OF EXPOSURE.*—*In carrying*  
4       *out paragraph (1), if the Secretary of Veterans Af-*  
5       *fairs or the Secretary of Defense makes a determina-*  
6       *tion regarding whether a veteran experienced full-*  
7       *body exposure to mustard gas or lewisite, such Sec-*  
8       *retary—*

9               (A) *shall presume that the veteran experi-*  
10       *enced full-body exposure to mustard gas or lew-*  
11       *isite, as the case may be, unless proven other-*  
12       *wise; and*

13              (B) *may not use information contained in*  
14       *the DoD and VA Chemical Biological Warfare*  
15       *Database or any list of known testing sites for*  
16       *mustard gas or lewisite maintained by the De-*  
17       *partment of Veterans Affairs or the Department*  
18       *of Defense as the sole reason for determining that*  
19       *the veteran did not experience full-body exposure*  
20       *to mustard gas or lewisite.*

21              (4) *REPORT.*—*Not later than 90 days after the*  
22       *date of the enactment of this Act, and not less fre-*  
23       *quently than once every 90 days thereafter, the Sec-*  
24       *retary of Veterans Affairs shall submit to the appro-*  
25       *priate committees of Congress a report specifying any*

1        *claims reconsidered under paragraph (1) that were*  
2        *denied during the 90-day period preceding the sub-*  
3        *mittal of the report, including the rationale for each*  
4        *such denial.*

5        *(b) DEVELOPMENT OF POLICY.—Not later than one*  
6        *year after the date of the enactment of this Act, the Sec-*  
7        *retary of Veterans Affairs and the Secretary of Defense shall*  
8        *jointly establish a policy for processing future claims for*  
9        *compensation under chapter 11 of title 38, United States*  
10       *Code, that the Secretary of Veterans Affairs determines are*  
11       *in connection with exposure to mustard gas or lewisite dur-*  
12       *ing active military, naval, or air service during World War*  
13       *II.*

14       *(c) INVESTIGATION AND REPORT BY SECRETARY OF*  
15       *DEFENSE.—Not later than 180 days after the date of the*  
16       *enactment of this Act, the Secretary of Defense shall—*

17                *(1) for purposes of determining whether a site*  
18                *should be added to the list of the Department of De-*  
19                *fense of sites where mustard gas or lewisite testing oc-*  
20                *curred, investigate and assess sites where—*

21                        *(A) the Army Corps of Engineers has un-*  
22                        *covered evidence of mustard gas or lewisite test-*  
23                        *ing; or*

24                        *(B) more than two veterans have submitted*  
25                        *claims for compensation under chapter 11 of title*

1           38, *United States Code*, in connection with expo-  
2           sure to mustard gas or lewisite at such site and  
3           such claims were denied; and

4           (2) submit to the appropriate committees of Con-  
5           gress a report on experiments conducted by the De-  
6           partment of Defense during World War II to assess  
7           the effects of mustard gas and lewisite on people,  
8           which shall include—

9                   (A) a list of each location where such an ex-  
10                  periment occurred, including locations inves-  
11                  tigated and assessed under paragraph (1);

12                   (B) the dates of each such experiment; and

13                   (C) the number of members of the Armed  
14                  Forces who were exposed to mustard gas or lew-  
15                  isite in each such experiment.

16           (d) *INVESTIGATION AND REPORT BY SECRETARY OF*  
17           *VETERANS AFFAIRS.*—Not later than 180 days after the  
18           date of the enactment of this Act, the Secretary of Veterans  
19           Affairs shall—

20                  (1) investigate and assess—

21                   (A) the actions taken by the Secretary to  
22                  reach out to individuals who had been exposed to  
23                  mustard gas or lewisite in the experiments de-  
24                  scribed in subsection (c)(2)(A); and

1           (B) the claims for disability compensation  
2           under laws administered by the Secretary that  
3           were filed with the Secretary and the percentage  
4           of such claims that were denied by the Secretary;  
5           and

6           (2) submit to the appropriate committees of Con-  
7           gress—

8           (A) a report on the findings of the Secretary  
9           with respect to the investigations and assess-  
10          ments carried out under paragraph (1); and

11          (B) a comprehensive list of each location  
12          where an experiment described in subsection  
13          (c)(2)(A) was conducted.

14          (e) *DEFINITIONS.*—*In this section:*

15          (1) The terms “active military, naval, or air  
16          service”, “veteran”, and “World War II” have the  
17          meanings given such terms in section 101 of title 38,  
18          United States Code.

19          (2) The term “appropriate committees of Con-  
20          gress” means—

21                 (A) the Committee on Veterans’ Affairs, the  
22                 Committee on Armed Services, and the Special  
23                 Committee on Aging of the Senate; and

1                   (B) *the Committee on Veterans' Affairs and*  
2                   *the Committee on Armed Services of the House*  
3                   *of Representatives.*

4                   (3) *The term "full-body exposure", with respect*  
5                   *to mustard gas or lewisite, has the meaning given*  
6                   *that term by the Secretary of Defense.*

7 **SEC. 1085. PRIZE COMPETITION TO IDENTIFY ROOT CAUSE**  
8                   **OF PHYSIOLOGICAL EPISODES ON NAVY, MA-**  
9                   **RINE CORPS, AND AIR FORCE TRAINING AND**  
10                   **OPERATIONAL AIRCRAFT.**

11                   (a) *IN GENERAL.*—*Under the authority of section*  
12 *2374a of title 10, United States Code, and section 24 of*  
13 *the Stevenson-Wydler Technology Innovation Act of 1980*  
14 *(15 U.S.C. 3719), the Secretary of Defense, in consultation*  
15 *with the Secretary of the Navy, the Secretary of the Air*  
16 *Force, the Commandant of the Marine Corps, and the heads*  
17 *of any other appropriate Federal agencies that have experi-*  
18 *ence in prize competitions, and when appropriate, in co-*  
19 *ordination with private organizations, may establish a*  
20 *prize competition designed to accelerate identification of the*  
21 *root cause or causes of physiological episodes experienced*  
22 *in Navy, Marine Corps, and Air Force training and oper-*  
23 *ational aircraft.*

1       (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
2 *authorized to be appropriated \$10,000,000 for fiscal year*  
3 *2018 to carry out this section.*

4       (c) *SUPPLEMENT NOT SUPPLANT.*—*Any funds made*  
5 *available pursuant to this section are in addition to any*  
6 *other amount made available for research on identification*  
7 *of root cause or causes of physiological episodes experienced*  
8 *in Navy, Marine Corps, and Air Force training and oper-*  
9 *ational aircraft.*

10 **SEC. 1086. EXCEPTION TO THE INTERDEPARTMENTAL WAIV-**

11                   **ER DOCTRINE FOR CLEANUP OF VEHICLE**

12                   **CRASHES.**

13       (a) *RESPONSIBILITY FOR CLEANUP.*—*Notwithstanding*  
14 *the interdepartmental waiver doctrine, the Secretary of De-*  
15 *fense may, at the request of the affected Federal department*  
16 *or agency, expend funds necessary for cleanup resulting*  
17 *from an activity of the Department of Defense involving*  
18 *a vehicle crash on land or other property under the jurisdic-*  
19 *tion of another Federal department or agency.*

20       (b) *SCOPE.*—*The authority under subsection (a) in-*  
21 *cludes expenditures necessary to complete cleanup to meet*  
22 *the regulations of the affected department or agency, which*  
23 *may be different than the regulations applicable to the De-*  
24 *partment.*

1 **SEC. 1087. TRANSFER OF SURPLUS FIREARMS TO CORPORA-**  
2 **TION FOR THE PROMOTION OF RIFLE PRAC-**  
3 **TICE AND FIREARMS SAFETY.**

4 (a) *IN GENERAL.*—Section 40728(h) of title 36, United  
5 States Code, is amended—

6 (1) by striking “(1) Subject to paragraph (2),  
7 the Secretary may transfer” and inserting “The Sec-  
8 retary shall transfer”; and

9 (2) by striking “The Secretary shall determine a  
10 reasonable schedule for the transfer of such surplus  
11 pistols.”.

12 (b) *SALE OF M1911/M1911A1 PISTOLS.*—

13 (1) *SALE.*—Any M1911/M1911A1 pistols sold  
14 under the Civilian Marksmanship Program under  
15 subchapter II of chapter 407 of title 36, United States  
16 Code, shall be sold at fair market value.

17 (2) *DISPOSITION OF PROCEEDS.*—Any proceeds  
18 of the sale of M1911/M1911A1 pistols pursuant to  
19 paragraph (1), less transfer and storage costs, shall be  
20 covered over into the Treasury as miscellaneous re-  
21 ceipts.

22 **SEC. 1088. PREVENTION OF CERTAIN HEALTH CARE PRO-**  
23 **VIDERS FROM PROVIDING NON-DEPARTMENT**  
24 **HEALTH CARE SERVICES TO VETERANS.**

25 (a) *IN GENERAL.*—On and after the date that is one  
26 year after the date of the enactment of this Act, the Sec-

1 *retary of Veterans Affairs shall deny or revoke the eligibility*  
2 *of a health care provider to provide non-Department health*  
3 *care services to veterans if the Secretary determines that*  
4 *the health care provider—*

5 *(1) was removed from employment with the De-*  
6 *partment of Veterans Affairs due to conduct that vio-*  
7 *lated a policy of the Department relating to the deliv-*  
8 *ery of safe and appropriate health care;*

9 *(2) violated the requirements of a medical license*  
10 *of the health care provider;*

11 *(3) had a Department credential revoked and the*  
12 *grounds for such revocation impacts the ability of the*  
13 *health care provider to deliver safe and appropriate*  
14 *health care; or*

15 *(4) violated a law for which a term of imprison-*  
16 *ment of more than one year may be imposed.*

17 *(b) PERMISSIVE ACTION.—On and after the date that*  
18 *is one year after the date of the enactment of this Act, the*  
19 *Secretary may deny, revoke, or suspend the eligibility of*  
20 *a health care provider to provide non-Department health*  
21 *care services if the Secretary has reasonable belief that such*  
22 *action is necessary to immediately protect the health, safety,*  
23 *or welfare of veterans and—*

1           (1) *the health care provider is under investiga-*  
2           *tion by the medical licensing board of a State in*  
3           *which the health care provider is licensed or practices;*

4           (2) *the health care provider has entered into a*  
5           *settlement agreement for a disciplinary charge relat-*  
6           *ing to the practice of medicine by the health care pro-*  
7           *vider; or*

8           (3) *the Secretary otherwise determines that such*  
9           *action is appropriate under the circumstances.*

10          (c) *SUSPENSION.—The Secretary shall suspend the eli-*  
11          *gibility of a health care provider to provide non-Depart-*  
12          *ment health care services to veterans if the health care pro-*  
13          *vider is suspended from serving as a health care provider*  
14          *of the Department.*

15          (d) *INITIAL REVIEW OF DEPARTMENT EMPLOY-*  
16          *MENT.—Not later than one year after the date of the enact-*  
17          *ment of this Act, with respect to each health care provider*  
18          *providing non-Department health care services, the Sec-*  
19          *retary shall review the status of each such health care pro-*  
20          *vider as an employee of the Department and the history*  
21          *of employment of each such health care provider with the*  
22          *Department to determine whether the health care provider*  
23          *is described in any of subsections (a) through (c).*

24          (e) *COMPTROLLER GENERAL REPORT.—Not later than*  
25          *two years after the date of the enactment of this Act, the*

1 *Comptroller General of the United States shall submit to*  
2 *Congress a report on the implementation by the Secretary*  
3 *of this section, including the following:*

4           (1) *The aggregate number of health care pro-*  
5 *viders denied or suspended under this section from*  
6 *participation in providing non-Department health*  
7 *care services.*

8           (2) *An evaluation of any impact on access to*  
9 *health care for patients or staffing shortages in pro-*  
10 *grams of the Department providing non-Department*  
11 *health care services.*

12           (3) *An explanation of the coordination of the De-*  
13 *partment with the medical licensing boards of States*  
14 *in implementing this section, the amount of involve-*  
15 *ment of such boards in such implementation, and ef-*  
16 *forts by the Department to address any concerns*  
17 *raised by such boards with respect to such implemen-*  
18 *tation.*

19           (4) *Such recommendations as the Comptroller*  
20 *General considers appropriate regarding harmonizing*  
21 *eligibility criteria between health care providers of the*  
22 *Department and health care providers eligible to pro-*  
23 *vide non-Department health care services.*

1       (f) *NON-DEPARTMENT HEALTH CARE SERVICES DE-*  
2 *FINED.*—*In this section, the term “non-Department health*  
3 *care services” means services—*

4           (1) *provided under subchapter I of chapter 17 of*  
5 *title 38, United States Code, at non-Department fa-*  
6 *cilities (as defined in section 1701 of such title);*

7           (2) *provided under section 101 of the Veterans*  
8 *Access, Choice, and Accountability Act of 2014 (Pub-*  
9 *lic Law 113–146; 38 U.S.C. 1701 note);*

10          (3) *purchased through the Medical Community*  
11 *Care account of the Department; or*

12          (4) *purchased with amounts deposited in the Vet-*  
13 *erans Choice Fund under section 802 of the Veterans*  
14 *Access, Choice, and Accountability Act of 2014.*

15 **SEC. 1089. DECLASSIFICATION BY DEPARTMENT OF DE-**  
16 ****FENSE OF CERTAIN INCIDENTS OF EXPOSURE****  
17 ****OF MEMBERS OF THE ARMED FORCES TO****  
18 ****TOXIC SUBSTANCES.****

19       (a) *IN GENERAL.*—*The Secretary of Defense shall de-*  
20 *classify documents related to any known incident in which*  
21 *not fewer than 100 members of the Armed Forces were ex-*  
22 *posed to a toxic substance that resulted in at least one case*  
23 *of a disability that a member of the medical profession has*  
24 *determined to be associated with that toxic substance.*

1       (b) *LIMITATION.*—*The declassification required by sub-*  
2 *section (a) shall be limited to information necessary for an*  
3 *individual who was potentially exposed to a toxic substance*  
4 *to determine the following:*

5           (1) *Whether that individual was exposed to that*  
6 *toxic substance.*

7           (2) *The potential severity of the exposure of that*  
8 *individual to that toxic substance.*

9           (3) *Any potential health conditions that may*  
10 *have resulted from exposure to that toxic substance.*

11       (c) *EXCEPTION.*—*The Secretary of Defense is not re-*  
12 *quired to declassify documents under subsection (a) if the*  
13 *Secretary determines that declassification of those docu-*  
14 *ments would materially and immediately threaten the secu-*  
15 *urity of the United States.*

16       (d) *DEFINITIONS.*—*In this section:*

17           (1) *ARMED FORCES.*—*The term “Armed Forces”*  
18 *has the meaning given that term in section 101 of*  
19 *title 10, United States Code.*

20           (2) *EXPOSED.*—*The term “exposed” means, with*  
21 *respect to a toxic substance, that an individual came*  
22 *into contact with that toxic substance in a manner*  
23 *that could be hazardous to the health of that indi-*  
24 *vidual, that may include if that toxic substance was*  
25 *inhaled, ingested, or touched the skin or eyes.*

1           (3) *EXPOSURE*.—The term “exposure” means,  
2           with respect to a toxic substance, an event during  
3           which an individual was exposed to that toxic sub-  
4           stance.

5           (4) *TOXIC SUBSTANCE*.—The term “toxic sub-  
6           stance” means any substance determined by the Ad-  
7           ministrator of the Environmental Protection Agency  
8           to be harmful to the environment or hazardous to the  
9           health of an individual if inhaled or ingested by or  
10          absorbed through the skin of that individual.

11 **SEC. 1089A. CARRIAGE OF CERTAIN PROGRAMMING.**

12          (a) *DEFINITIONS*.—In this section—

13           (1) the term “local commercial television sta-  
14           tion” has the meaning given the term in section  
15           614(h) of the Communications Act of 1934 (47 U.S.C.  
16           534(h));

17           (2) the term “multichannel video programming  
18           distributor” has the meaning given the term in sec-  
19           tion 602 of the Communications Act of 1934 (47  
20           U.S.C. 522);

21           (3) the term “qualified noncommercial edu-  
22           cational television station” has the meaning given the  
23           term in section 615(l) of the Communications Act of  
24           1934 (47 U.S.C. 535(l));

1           (4) *the term “retransmission consent” means the*  
2 *authority granted to a multichannel video program-*  
3 *ming distributor under section 325(b) of the Commu-*  
4 *nications Act of 1934 (47 U.S.C. 325(b)) to re-*  
5 *transmit the signal of a television broadcast station;*  
6 *and*

7           (5) *the term “television broadcast station” has*  
8 *the meaning given the term in section 76.66(a) of title*  
9 *47, Code of Federal Regulations.*

10       (b) *CARRIAGE OF CERTAIN CONTENT.—Notwith-*  
11 *standing any other provision of law, a multichannel video*  
12 *programming distributor may not be directly or indirectly*  
13 *required, including as a condition of obtaining retrans-*  
14 *mission consent, to—*

15           (1) *carry non-incidental video content from a*  
16 *local commercial television station, qualified non-*  
17 *commercial educational television station, or tele-*  
18 *vision broadcast station to the extent that such con-*  
19 *tent is owned, controlled, or financed (in whole or in*  
20 *part) by the Government of the Russian Federation;*  
21 *or*

22           (2) *lease, or otherwise make available, channel*  
23 *capacity to any person for the provision of video pro-*  
24 *gramming that is owned, controlled, or financed (in*

1       *whole or in part) by the Government of the Russian*  
2       *Federation.*

3       (c) *RULE OF CONSTRUCTION.*—*Nothing in this section*  
4       *may be construed as applying to the editorial use by a local*  
5       *commercial television station, qualified noncommercial edu-*  
6       *cational television station, or television broadcast station*  
7       *of programming that is owned, controlled, or financed (in*  
8       *whole or in part) by the Government of the Russian Federa-*  
9       *tion.*

10                   ***Subtitle H—Modernizing***  
11                   ***Government Technology***

12       ***SEC. 1091. SHORT TITLE.***

13       *This subtitle may be cited as the “Modernizing Gov-*  
14       *ernment Technology Act of 2017” or the “MGT Act”.*

15       ***SEC. 1092. DEFINITIONS.***

16       *In this subtitle:*

17               (1) *ADMINISTRATOR.*—*The term “Adminis-*  
18       *trator” means the Administrator of General Services.*

19               (2) *BOARD.*—*The term “Board” means the Tech-*  
20       *nology Modernization Board established under section*  
21       *1094(c)(1).*

22               (3) *CLOUD COMPUTING.*—*The term “cloud com-*  
23       *puting” has the meaning given the term by the Na-*  
24       *tional Institute of Standards and Technology in*

1 *NIST Special Publication 800–145 and any amend-*  
2 *atory or superseding document thereto.*

3 (4) *DIRECTOR.*—*The term “Director” means the*  
4 *Director of the Office of Management and Budget.*

5 (5) *FUND.*—*The term “Fund” means the Tech-*  
6 *nology Modernization Fund established under section*  
7 *1094(b)(1).*

8 (6) *INFORMATION TECHNOLOGY.*—*The term “in-*  
9 *formation technology” has the meaning given the term*  
10 *in section 3502 of title 44, United States Code.*

11 (7) *IT WORKING CAPITAL FUND.*—*The term “IT*  
12 *working capital fund” means an information tech-*  
13 *nology system modernization and working capital*  
14 *fund established under section 1093(b)(1).*

15 (8) *LEGACY INFORMATION TECHNOLOGY SYS-*  
16 *TEM.*—*The term “legacy information technology sys-*  
17 *tem” means an outdated or obsolete system of infor-*  
18 *mation technology.*

19 **SEC. 1093. ESTABLISHMENT OF AGENCY INFORMATION**  
20 **TECHNOLOGY SYSTEMS MODERNIZATION**  
21 **AND WORKING CAPITAL FUNDS.**

22 (a) *DEFINITION.*—*In this section, the term “covered*  
23 *agency” means each agency listed in section 901(b) of title*  
24 *31, United States Code.*

1       **(b) INFORMATION TECHNOLOGY SYSTEM MODERNIZA-**  
2 **TION AND WORKING CAPITAL FUNDS.—**

3           **(1) ESTABLISHMENT.—***The head of a covered*  
4 *agency may establish within the covered agency an*  
5 *information technology system modernization and*  
6 *working capital fund for necessary expenses described*  
7 *in paragraph (3).*

8           **(2) SOURCE OF FUNDS.—***The following amounts*  
9 *may be deposited into an IT working capital fund:*

10           **(A) Reprogramming and transfer of funds**  
11 *made available in appropriations Acts enacted*  
12 *after the date of enactment of this Act, including*  
13 *the transfer of any funds for the operation and*  
14 *maintenance of legacy information technology*  
15 *systems, in compliance with any applicable re-*  
16 *programming law or guidelines of the Commit-*  
17 *tees on Appropriations of the Senate and the*  
18 *House of Representatives or transfer authority*  
19 *specifically provided in appropriations law.*

20           **(B) Amounts made available to the IT**  
21 *working capital fund through discretionary ap-*  
22 *propriations made available after the date of en-*  
23 *actment of this Act.*

1           (3) *USE OF FUNDS.—An IT working capital*  
2 *fund established under paragraph (1) may only be*  
3 *used—*

4           (A) *to improve, retire, or replace existing*  
5 *information technology systems in the covered*  
6 *agency to enhance cybersecurity and to improve*  
7 *efficiency and effectiveness across the life of a*  
8 *given workload, procured using full and open*  
9 *competition among all commercial items to the*  
10 *greatest extent practicable;*

11           (B) *to transition legacy information tech-*  
12 *nology systems at the covered agency to commer-*  
13 *cial cloud computing and other innovative com-*  
14 *mercial platforms and technologies, including*  
15 *those serving more than 1 covered agency with*  
16 *common requirements;*

17           (C) *to assist and support covered agency ef-*  
18 *forts to provide adequate, risk-based, and cost-ef-*  
19 *fective information technology capabilities that*  
20 *address evolving threats to information security;*

21           (D) *to reimburse funds transferred to the*  
22 *covered agency from the Fund with the approval*  
23 *of the Chief Information Officer, in consultation*  
24 *with the Chief Financial Officer, of the covered*  
25 *agency; and*

1           (E) for a program, project, or activity or to  
2           increase funds for any program, project, or ac-  
3           tivity that has not been denied or restricted by  
4           Congress.

5           (4) *EXISTING FUNDS.*—An IT working capital  
6           fund may not be used to supplant funds provided for  
7           the operation and maintenance of any system within  
8           an appropriation for the covered agency at the time  
9           of establishment of the IT working capital fund.

10          (5) *PRIORITIZATION OF FUNDS.*—The head of  
11          each covered agency—

12               (A) shall prioritize funds within the IT  
13               working capital fund of the covered agency to be  
14               used initially for cost savings activities approved  
15               by the Chief Information Officer of the covered  
16               agency; and

17               (B) may reprogram and transfer any  
18               amounts saved as a direct result of the cost sav-  
19               ings activities approved under clause (i) for de-  
20               posit into the IT working capital fund of the cov-  
21               ered agency, consistent with paragraph (2)(A).

22          (6) *AVAILABILITY OF FUNDS.*—

23               (A) *IN GENERAL.*—Any funds deposited into  
24               an IT working capital fund shall be available for  
25               obligation for the 3-year period beginning on the

1           *last day of the fiscal year in which the funds*  
2           *were deposited.*

3           (B)     *TRANSFER     OF     UNOBLIGATED*  
4           *AMOUNTS.—Any amounts in an IT working cap-*  
5           *ital fund that are unobligated at the end of the*  
6           *3-year period described in subparagraph (A)*  
7           *shall be transferred to the general fund of the*  
8           *Treasury.*

9           (7) *AGENCY CIO RESPONSIBILITIES.—In evalu-*  
10          *ating projects to be funded by the IT working capital*  
11          *fund of a covered agency, the Chief Information Offi-*  
12          *cer of the covered agency shall consider, to the extent*  
13          *applicable, guidance issued under section 1094(b)(1)*  
14          *to evaluate applications for funding from the Fund*  
15          *that include factors including a strong business case,*  
16          *technical design, consideration of commercial off-the-*  
17          *shelf products and services, procurement strategy (in-*  
18          *cluding adequate use of rapid, iterative software de-*  
19          *velopment practices), and program management.*

20          (c) *REPORTING REQUIREMENT.—*

21                 (1) *IN GENERAL.—Not later than 1 year after*  
22                 *the date of enactment of this Act, and every 6 months*  
23                 *thereafter, the head of each covered agency shall sub-*  
24                 *mit to the Director, with respect to the IT working*  
25                 *capital fund of the covered agency—*

1           (A) a list of each information technology in-  
2           vestment funded, including the estimated cost  
3           and completion date for each investment; and

4           (B) a summary by fiscal year of obliga-  
5           tions, expenditures, and unused balances.

6           (2) *PUBLIC AVAILABILITY.*—The Director shall  
7           make the information submitted under paragraph (1)  
8           publicly available on a website.

9   **SEC. 1094. ESTABLISHMENT OF TECHNOLOGY MODERNIZA-**  
10                                   **TION FUND AND BOARD.**

11           (a) *DEFINITION.*—In this section, the term “agency”  
12           has the meaning given the term in section 551 of title 5,  
13           United States Code.

14           (b) *TECHNOLOGY MODERNIZATION FUND.*—

15           (1) *ESTABLISHMENT.*—There is established in  
16           the Treasury a Technology Modernization Fund for  
17           technology-related activities, to improve information  
18           technology, to enhance cybersecurity across the Fed-  
19           eral Government, and to be administered in accord-  
20           ance with guidance issued by the Director.

21           (2) *ADMINISTRATION OF FUND.*—The Adminis-  
22           trator, in consultation with the Chief Information Of-  
23           ficers Council and with the approval of the Director,  
24           shall administer the Fund in accordance with this  
25           subsection.

1           (3) *USE OF FUNDS.*—*The Administrator shall,*  
2 *in accordance with recommendations from the Board,*  
3 *use amounts in the Fund—*

4           (A) *to transfer such amounts, to remain*  
5 *available until expended, to the head of an agen-*  
6 *cy for the acquisition of products and services, or*  
7 *the development of such products and services*  
8 *when more efficient and cost effective, to im-*  
9 *prove, retire, or replace existing Federal infor-*  
10 *mation technology systems to enhance cybersecu-*  
11 *rity and privacy and improve long-term effi-*  
12 *ciency and effectiveness;*

13           (B) *to transfer such amounts, to remain*  
14 *available until expended, to the head of an agen-*  
15 *cy for the operation and procurement of infor-*  
16 *mation technology products and services, or the*  
17 *development of such products and services when*  
18 *more efficient and cost effective, and acquisition*  
19 *vehicles for use by agencies to improve Govern-*  
20 *mentwide efficiency and cybersecurity in accord-*  
21 *ance with the requirements of the agencies;*

22           (C) *to provide services or work performed in*  
23 *support of—*

24                   (i) *the activities described in subpara-*  
25 *graph (A) or (B); and*

1                   (ii) the Board and the Director in car-  
2                   rying out the responsibilities described in  
3                   subsection (c)(2); and

4                   (D) to fund only programs, projects, or ac-  
5                   tivities or to fund increases for any programs,  
6                   projects, or activities that have not been denied  
7                   or restricted by Congress.

8                   (4) AUTHORIZATION OF APPROPRIATIONS; CRED-  
9                   ITS; AVAILABILITY OF FUNDS.—

10                   (A) AUTHORIZATION OF APPROPRIA-  
11                   TIONS.—There is authorized to be appropriated  
12                   to the Fund \$250,000,000 for each of fiscal years  
13                   2018 and 2019.

14                   (B) CREDITS.—In addition to any funds  
15                   otherwise appropriated, the Fund shall be cred-  
16                   ited with all reimbursements, advances, or re-  
17                   funds or recoveries relating to information tech-  
18                   nology or services provided for the purposes de-  
19                   scribed in paragraph (3).

20                   (C) AVAILABILITY OF FUNDS.—Amounts de-  
21                   posited, credited, or otherwise made available to  
22                   the Fund shall be available until expended for  
23                   the purposes described in paragraph (3).

24                   (5) REIMBURSEMENT.—

25                   (A) REIMBURSEMENT BY AGENCY.—

1           (i) *IN GENERAL.*—*The head of an*  
2           *agency shall reimburse the Fund for any*  
3           *transfer made under subparagraph (A) or*  
4           *(B) of paragraph (3), including any serv-*  
5           *ices or work performed in support of the*  
6           *transfer under paragraph (3)(C), in accord-*  
7           *ance with the terms established in a written*  
8           *agreement described in paragraph (6).*

9           (ii) *REIMBURSEMENT FROM SUBSE-*  
10          *QUENT APPROPRIATIONS.*—*Notwithstanding*  
11          *any other provision of law, an agency may*  
12          *make a reimbursement required under*  
13          *clause (i) from any appropriation made*  
14          *available after the date of enactment of this*  
15          *Act for information technology activities,*  
16          *consistent with any applicable reprogram-*  
17          *ming law or guidelines of the Committees*  
18          *on Appropriations of the Senate and the*  
19          *House of Representatives.*

20          (iii) *RECORDING OF OBLIGATION.*—  
21          *Notwithstanding section 1501 of title 31,*  
22          *United States Code, an obligation to make*  
23          *a payment under a written agreement de-*  
24          *scribed in paragraph (6) in a fiscal year*  
25          *after the date of enactment of this Act shall*

1           *be recorded in the fiscal year in which the*  
2           *payment is due.*

3           *(B) PRICES FIXED BY ADMINISTRATOR.—*

4                   *(i) IN GENERAL.—The Administrator,*  
5                   *in consultation with the Director, shall es-*  
6                   *tablish amounts to be paid by an agency*  
7                   *under this paragraph and the terms of re-*  
8                   *payment for activities funded under para-*  
9                   *graph (3), including any services or work*  
10                  *performed in support of that development*  
11                  *under paragraph (3)(C), at levels sufficient*  
12                  *to ensure the solvency of the Fund, includ-*  
13                  *ing operating expenses.*

14                   *(ii) REVIEW AND APPROVAL.—Before*  
15                   *making any changes to the established*  
16                   *amounts and terms of repayment, the Ad-*  
17                   *ministrator shall conduct a review and ob-*  
18                   *tain approval from the Director.*

19                   *(C) FAILURE TO MAKE TIMELY REIMBURSE-*  
20                   *MENT.—The Administrator may obtain reim-*  
21                   *bursement from an agency under this paragraph*  
22                   *by the issuance of transfer and counterwarrants,*  
23                   *or other lawful transfer documents, supported by*  
24                   *itemized bills, if payment is not made by the*  
25                   *agency during the 90-day period beginning after*

1        *the expiration of a repayment period described*  
2        *in a written agreement described in paragraph*  
3        *(6).*

4        *(6) WRITTEN AGREEMENT.—*

5            *(A) IN GENERAL.—Before the transfer of*  
6        *funds to an agency under subparagraphs (A)*  
7        *and (B) of paragraph (3), the Administrator, in*  
8        *consultation with the Director, and the head of*  
9        *the agency shall enter into a written agree-*  
10       *ment—*

11            *(i) documenting the purpose for which*  
12        *the funds will be used and the terms of re-*  
13        *payment, which may not exceed 5 years un-*  
14        *less approved by the Director; and*

15            *(ii) which shall be recorded as an obli-*  
16        *gation as provided in paragraph (5)(A).*

17        *(B) REQUIREMENT FOR USE OF INCRE-*  
18        *MENTAL FUNDING, COMMERCIAL PRODUCTS AND*  
19        *SERVICES, AND RAPID, ITERATIVE DEVELOPMENT*  
20        *PRACTICES.—The Administrator shall ensure—*

21            *(i) for any funds transferred to an*  
22        *agency under paragraph (3)(A), in the ab-*  
23        *sence of compelling circumstances docu-*  
24        *mented by the Administrator at the time of*  
25        *transfer, that such funds shall be transferred*

1           *only on an incremental basis, tied to met-*  
2           *ric-based development milestones achieved*  
3           *by the agency through the use of rapid,*  
4           *iterative, development processes; and*

5                     *(ii) that the use of commercial prod-*  
6           *ucts and services are incorporated to the*  
7           *greatest extent practicable in activities*  
8           *funded under subparagraphs (A) and (B) of*  
9           *paragraph (3), and that the written agree-*  
10          *ment required under paragraph (6) docu-*  
11          *ments this preference.*

12           (7) *REPORTING REQUIREMENTS.—*

13                     (A) *LIST OF PROJECTS.—*

14                             (i) *IN GENERAL.—Not later than 6*  
15           *months after the date of enactment of this*  
16           *Act, the Director shall maintain a list of*  
17           *each project funded by the Fund, to be up-*  
18           *dated not less than quarterly, that includes*  
19           *a description of the project, project status*  
20           *(including any schedule delay and cost*  
21           *overruns), financial expenditure data re-*  
22           *lated to the project, and the extent to which*  
23           *the project is using commercial products*  
24           *and services, including if applicable, a jus-*  
25           *tification of why commercial products and*

1            *services were not used and the associated de-*  
2            *velopment and integration costs of custom*  
3            *development.*

4            *(ii) PUBLIC AVAILABILITY.—The list*  
5            *required under clause (i) shall be published*  
6            *on a public website in a manner that is, to*  
7            *the greatest extent possible, consistent with*  
8            *applicable law on the protection of classified*  
9            *information, sources, and methods.*

10           *(B) COMPTROLLER GENERAL REPORTS.—*  
11           *Not later than 2 years after the date of enact-*  
12           *ment of this Act, and every 2 years thereafter,*  
13           *the Comptroller General of the United States*  
14           *shall submit to Congress and make publically*  
15           *available a report assessing—*

16           *(i) the costs associated with estab-*  
17           *lishing the Fund and maintaining the over-*  
18           *sight structure associated with the Fund*  
19           *compared with the cost savings associated*  
20           *with the projects funded both annually and*  
21           *over the life of the acquired products and*  
22           *services by the Fund;*

23           *(ii) the reliability of the cost savings*  
24           *estimated by agencies associated with*  
25           *projects funded by the Fund;*

1                   (iii) whether agencies receiving trans-  
2                   fers of funds from the Fund used full and  
3                   open competition to acquire the custom de-  
4                   velopment of information technology prod-  
5                   ucts or services; and

6                   (iv) the number of IT procurement, de-  
7                   velopment, and modernization programs, of-  
8                   fices, and entities in the Federal Govern-  
9                   ment, including 18F and the United States  
10                  Digital Services, the roles, responsibilities,  
11                  and goals of those programs and entities,  
12                  and the extent to which they duplicate work.

13                  (c) *TECHNOLOGY MODERNIZATION BOARD.*—

14                  (1) *ESTABLISHMENT.*—There is established a  
15                  Technology Modernization Board to evaluate pro-  
16                  posals submitted by agencies for funding authorized  
17                  under the Fund.

18                  (2) *RESPONSIBILITIES.*—The responsibilities of  
19                  the Board are—

20                         (A) to provide input to the Director for the  
21                         development of processes for agencies to submit  
22                         modernization proposals to the Board and to es-  
23                         tablish the criteria by which those proposals are  
24                         evaluated, which shall include—

1                   (i) addressing the greatest security,  
2                   privacy, and operational risks;

3                   (ii) having the greatest Government-  
4                   wide impact; and

5                   (iii) having a high probability of suc-  
6                   cess based on factors including a strong  
7                   business case, technical design, consider-  
8                   ation of commercial off-the-shelf products  
9                   and services, procurement strategy (includ-  
10                  ing adequate use of rapid, agile iterative  
11                  software development practices), and pro-  
12                  gram management;

13                  (B) to make recommendations to the Ad-  
14                  ministrator to assist agencies in the further de-  
15                  velopment and refinement of select submitted  
16                  modernization proposals, based on an initial  
17                  evaluation performed with the assistance of the  
18                  Administrator;

19                  (C) to review and prioritize, with the assist-  
20                  ance of the Administrator and the Director, mod-  
21                  ernization proposals based on criteria established  
22                  pursuant to subparagraph (A);

23                  (D) to identify, with the assistance of the  
24                  Administrator, opportunities to improve or re-  
25                  place multiple information technology systems

1           with a smaller number of information technology  
2           services common to multiple agencies;

3           (E) to recommend the funding of mod-  
4           ernization projects, in accordance with the uses  
5           described in subsection (b)(3), to the Adminis-  
6           trator;

7           (F) to monitor, in consultation with the Ad-  
8           ministrators, progress and performance in exe-  
9           cuting approved projects and, if necessary, rec-  
10          ommend the suspension or termination of fund-  
11          ing for projects based on factors including the  
12          failure to meet the terms of a written agreement  
13          described in subsection (b)(6); and

14          (G) to monitor the operating costs of the  
15          Fund.

16          (3) *MEMBERSHIP.*—The Board shall consist of 7  
17          voting members.

18          (4) *CHAIR.*—The Chair of the Board shall be the  
19          Administrator of the Office of Electronic Government.

20          (5) *PERMANENT MEMBERS.*—The permanent  
21          members of the Board shall be—

22                  (A) the Administrator of the Office of Elec-  
23                  tronic Government; and

24                  (B) a senior official from the General Serv-  
25                  ices Administration having technical expertise in

1           *information technology development, appointed*  
2           *by the Administrator, with the approval of the*  
3           *Director.*

4           (6) *ADDITIONAL MEMBERS OF THE BOARD.—*

5                 (A) *APPOINTMENT.—The other members of*  
6                 *the Board shall be—*

7                         (i) *1 employee of the National Protec-*  
8                         *tion and Programs Directorate of the De-*  
9                         *partment of Homeland Security, appointed*  
10                        *by the Secretary of Homeland Security; and*

11                       (ii) *4 employees of the Federal Govern-*  
12                        *ment primarily having technical expertise*  
13                        *in information technology development, fi-*  
14                        *ancial management, cybersecurity and*  
15                        *privacy, and acquisition, appointed by the*  
16                        *Director.*

17                 (B) *TERM.—Each member of the Board de-*  
18                 *scribed in paragraph (A) shall serve a term of 1*  
19                 *year, which shall be renewable not more than 4*  
20                 *times at the discretion of the appointing Sec-*  
21                 *retary or Director, as applicable.*

22                 (7) *PROHIBITION ON COMPENSATION.—Members*  
23                 *of the Board may not receive additional pay, allow-*  
24                 *ances, or benefits by reason of their service on the*  
25                 *Board.*

1           (8) *STAFF.*—*Upon request of the Chair of the*  
2 *Board, the Director and the Administrator may de-*  
3 *tail, on a reimbursable or nonreimbursable basis, any*  
4 *employee of the Federal Government to the Board to*  
5 *assist the Board in carrying out the functions of the*  
6 *Board.*

7           (d) *RESPONSIBILITIES OF ADMINISTRATOR.*—

8           (1) *IN GENERAL.*—*In addition to the responsibil-*  
9 *ities described in subsection (b), the Administrator*  
10 *shall support the activities of the Board and provide*  
11 *technical support to, and, with the concurrence of the*  
12 *Director, oversight of, agencies that receive transfers*  
13 *from the Fund.*

14           (2) *RESPONSIBILITIES.*—*The responsibilities of*  
15 *the Administrator are—*

16           (A) *to provide direct technical support in*  
17 *the form of personnel services or otherwise to*  
18 *agencies transferred amounts under subsection*  
19 *(b)(3)(A) and for products, services, and acquisi-*  
20 *tion vehicles funded under subsection (b)(3)(B);*

21           (B) *to assist the Board with the evaluation,*  
22 *prioritization, and development of agency mod-*  
23 *ernization proposals.*

24           (C) *to perform regular project oversight and*  
25 *monitoring of approved agency modernization*

1            *projects, in consultation with the Board and the*  
2            *Director, to increase the likelihood of successful*  
3            *implementation and reduce waste; and*

4            *(D) to provide the Director with informa-*  
5            *tion necessary to meet the requirements of sub-*  
6            *section (b)(7).*

7            *(e) EFFECTIVE DATE.—This section shall take effect on*  
8            *the date that is 90 days after the date of enactment of this*  
9            *Act.*

10          *(f) SUNSET.—*

11            *(1) IN GENERAL.—On and after the date that is*  
12            *2 years after the date on which the Comptroller Gen-*  
13            *eral of the United States issues the third report re-*  
14            *quired under subsection (b)(7)(B), the Administrator*  
15            *may not award or transfer funds from the Fund for*  
16            *any project that is not already in progress as of such*  
17            *date.*

18            *(2) TRANSFER OF UNOBLIGATED AMOUNTS.—Not*  
19            *later than 90 days after the date on which all projects*  
20            *that received an award from the Fund are completed,*  
21            *any amounts in the Fund shall be transferred to the*  
22            *general fund of the Treasury and shall be used for*  
23            *deficit reduction.*

24            *(3) TERMINATION OF TECHNOLOGY MODERNIZA-*  
25            *TION BOARD.—Not later than 90 days after the date*



1           (A) *Civilian cybersecurity professionals in*  
2           *the Department of Defense consisting of civilian*  
3           *personnel engaged in or directly supporting*  
4           *planning, commanding and controlling, train-*  
5           *ing, developing, acquiring, modifying, and oper-*  
6           *ating systems and capabilities, and military*  
7           *units and intelligence organizations (other than*  
8           *those funded by the National Intelligence Pro-*  
9           *gram) that are directly engaged in or used for*  
10           *offensive and defensive cyber and information*  
11           *warfare or intelligence activities in support*  
12           *thereof.*

13           (B) *Civilian legal professionals in the De-*  
14           *partment occupying legal or similar positions,*  
15           *as determined by the Secretary of Defense for*  
16           *purposes of the pilot program, that require eligi-*  
17           *bility to practice law in a State or territory of*  
18           *the United States.*

19           (2) *INAPPLICABILITY TO SES POSITIONS.—The*  
20           *pilot program shall not apply to positions within the*  
21           *Senior Executive Service under subchapter VIII of*  
22           *chapter 53 of title 5, United States Code.*

23           (c) *DIRECT-APPOINTMENT AUTHORITY.—*

24           (1) *INAPPLICABILITY OF GENERAL CIVIL SERVICE*  
25           *APPOINTMENT AUTHORITIES TO APPOINTMENTS.—*

1     *Under the pilot program, the Secretary of Defense,*  
2     *with respect to the Defense Agencies, and the Sec-*  
3     *retary of the military department concerned, with re-*  
4     *spect to the military departments, may appoint*  
5     *qualified candidates as cybersecurity and legal profes-*  
6     *sionals without regard to the provisions of subchapter*  
7     *I of chapter 33 of title 5, United States Code.*

8             (2) *APPOINTMENT ON DIRECT-HIRE BASIS.*—*Ap-*  
9     *pointments under the pilot program shall be made on*  
10    *a direct-hire basis.*

11    (d) *TERM APPOINTMENTS.*—

12             (1) *RENEWABLE TERM APPOINTMENTS.*—*Each*  
13    *individual shall serve with the Department of Defense*  
14    *as a cybersecurity or legal professional under the pilot*  
15    *program pursuant to an initial appointment to serv-*  
16    *ice with the Department for a term of not less than*  
17    *2 years nor more than 8 years. Any term of appoint-*  
18    *ment under the pilot program may be renewed for one*  
19    *or more additional terms of not less than 2 years nor*  
20    *more than 8 years as provided in subsection (h).*

21             (2) *LENGTH OF TERMS.*—*The length of the term*  
22    *of appointment to a position under the pilot program*  
23    *shall be prescribed by the Secretary of Defense taking*  
24    *into account the national security, mission, and other*  
25    *applicable requirements of the position. Positions hav-*

1     *ing identical or similar requirements or terms may be*  
2     *grouped into categories for purposes of the pilot pro-*  
3     *gram. The Secretary may delegate any authority in*  
4     *this paragraph to a commissioned officer of the*  
5     *Armed Forces in pay grade O-7 or above or an em-*  
6     *ployee in the Department in the Senior Executive*  
7     *Service.*

8     *(e) NATURE OF SERVICE UNDER APPOINTMENTS.—*

9             *(1) TREATMENT OF PERSONNEL APPOINTED AS*  
10            *“EMPLOYEES”.—Except as otherwise provided by this*  
11            *section, individuals serving with the Department of*  
12            *Defense as cybersecurity or legal professionals under*  
13            *the pilot program pursuant to appointments under*  
14            *this section shall be considered employees (as specified*  
15            *in section 2105 of title 5, United States Code) for*  
16            *purposes of the provisions of title 5, United States*  
17            *Code, and other applicable provisions of law, includ-*  
18            *ing, in particular, for purposes as follows:*

19                     *(A) Eligibility for participation in the Fed-*  
20                     *eral Employees’ Retirement System under chap-*  
21                     *ter 84 of title 5, United States Code, subject to*  
22                     *the provisions of section 8402 of such title and*  
23                     *the regulations prescribed pursuant to such sec-*  
24                     *tion.*

1           (B) *Eligibility for enrollment in a health*  
2           *benefits plan under chapter 89 of title 5, United*  
3           *States Code (commonly referred as the “Federal*  
4           *Employees Health Benefits Program”).*

5           (C) *Eligibility for and subject to the em-*  
6           *ployment protections of subpart F of part III of*  
7           *title 5, United States Code, relating to merit*  
8           *principles and protections.*

9           (D) *Eligibility for the protections of chapter*  
10           *81, of title 5, United States Code, relating to*  
11           *workers compensation.*

12           (2) *SCOPE OF RIGHTS AND BENEFITS.—In ad-*  
13           *ministering the pilot program, the Secretary of De-*  
14           *fense shall specify, and from time to time update, a*  
15           *comprehensive description of the rights and benefits of*  
16           *individuals serving with the Department under the*  
17           *pilot program pursuant to this subsection and of the*  
18           *provisions of law under which such rights and bene-*  
19           *fits arise.*

20           (f) *COMPENSATION.—*

21           (1) *BASIC PAY.—Individuals serving with the*  
22           *Department of Defense as cybersecurity or legal pro-*  
23           *fessionals under the pilot program shall be paid basic*  
24           *pay for such service in accordance with a schedule of*

1     *pay prescribed by the Secretary of Defense for pur-*  
2     *poses of the pilot program.*

3             (2) *TREATMENT AS BASIC PAY.*—*Basic pay pay-*  
4     *able under the pilot program shall be treated for all*  
5     *purposes as basic pay paid under the provisions of*  
6     *title 5, United States Code.*

7             (3) *PERFORMANCE AWARDS.*—*Individuals serv-*  
8     *ing with the Department as cybersecurity or legal*  
9     *professionals under the pilot program may be award-*  
10    *ed such performance awards for outstanding perform-*  
11    *ance as the Secretary shall prescribe for purposes of*  
12    *the pilot program. The performance awards may in-*  
13    *clude a monetary bonus, time off with pay, or such*  
14    *other awards as the Secretary considers appropriate*  
15    *for purposes of the pilot program. The award of per-*  
16    *formance awards under the pilot program shall based*  
17    *in accordance with such policies and requirements as*  
18    *the Secretary shall prescribe for purposes of the pilot*  
19    *program.*

20            (4) *ADDITIONAL COMPENSATION.*—*Individuals*  
21    *servng with the Department as cybersecurity or legal*  
22    *professionals under the pilot program may be award-*  
23    *ed such additional compensation above basic pay as*  
24    *the Secretary (or the designees of the Secretary) con-*  
25    *sider appropriate in order to promote the recruitment*

1       *and retention of highly skilled and productive cyberse-*  
2       *curity and legal professionals to and with the Depart-*  
3       *ment.*

4       *(g) PROBATIONARY PERIOD.—The following terms of*  
5       *appointment shall be treated as a probationary period*  
6       *under the pilot program:*

7             *(1) The first term of appointment of an indi-*  
8       *vidual to service with the Department of Defense as*  
9       *a cybersecurity or legal professional, regardless of*  
10       *length.*

11            *(2) The first term of appointment of an indi-*  
12       *vidual to a supervisory position in the Department as*  
13       *a cybersecurity or legal professional, regardless of*  
14       *length and regardless of whether or not such term of*  
15       *appointment to a supervisory position is the first*  
16       *term of appointment of the individual concerned to*  
17       *service with the Department as a cybersecurity or*  
18       *legal professional.*

19       *(h) RENEWAL OF APPOINTMENTS.—*

20            *(1) IN GENERAL.—The Secretary of Defense shall*  
21       *prescribe the conditions for the renewal of appoint-*  
22       *ments under the pilot program. The conditions may*  
23       *apply to one or more categories of positions, positions*  
24       *on a case-by-case basis, or both.*

1           (2) *PARTICULAR CONDITIONS.*—*In prescribing*  
2 *conditions for the renewal of appointments under the*  
3 *pilot program, the Secretary shall take into account*  
4 *the following (in the order specified):*

5           (A) *The necessity for the continuation of the*  
6 *position concerned based on mission require-*  
7 *ments and other applicable justifications for the*  
8 *position.*

9           (B) *The service performance of the indi-*  
10 *vidual serving in the position concerned, with*  
11 *individuals with satisfactory or better perform-*  
12 *ance afforded preference in renewal.*

13           (C) *Input from employees on conditions for*  
14 *renewal.*

15           (D) *Applicable private and public sector*  
16 *labor market conditions.*

17           (3) *SERVICE PERFORMANCE.*—*The assessment of*  
18 *the service performance of an individual under the*  
19 *pilot program for purposes of paragraph (2)(B) shall*  
20 *consist of an assessment of the ability of the indi-*  
21 *vidual to effectively accomplish mission goals for the*  
22 *position concerned as determined by the supervisor or*  
23 *manager of the individual based on the individual's*  
24 *performance evaluations and the knowledge of and re-*  
25 *view by such supervisor or manager (developed in*

1       *consultation with the individual) of the individual's*  
2       *performance in the position. An individual's tenure of*  
3       *service in a position or the Department of Defense*  
4       *may not be the primary element of the assessment.*

5       *(i) PROFESSIONAL DEVELOPMENT.—The pilot pro-*  
6       *gram shall provide for the professional development of indi-*  
7       *viduals serving with the Department of Defense as cyberse-*  
8       *curity and legal professionals under the pilot program in*  
9       *a manner that—*

10               *(1) creates opportunities for education, training,*  
11               *and career-broadening experiences, and for experi-*  
12               *mental opportunities in other organizations within*  
13               *and outside the Federal Government; and*

14               *(2) reflects the differentiated needs of personnel*  
15               *at different stages of their careers.*

16       *(j) SABBATICALS.—*

17               *(1) IN GENERAL.—The pilot program shall pro-*  
18               *vide for an individual who is in a successive term*  
19               *after the first 8 years with the Department of Defense*  
20               *as a cybersecurity or legal professional under the pilot*  
21               *program to take, at the election of the individual, a*  
22               *paid or unpaid sabbatical from service with the De-*  
23               *partment for professional development or education*  
24               *purposes. The length of a sabbatical shall be any*  
25               *length not less than 6 months nor more than 1 year*

1       *(unless a different period is approved by the Sec-*  
2       *retary of the military department or head of the orga-*  
3       *nization or element of the Department concerned for*  
4       *purposes of this subsection). The purpose of any sab-*  
5       *batical shall be subject to advance approval by the or-*  
6       *ganization or element in the Department in which the*  
7       *individual is currently performing service. The taking*  
8       *of a sabbatical shall be contingent on the written*  
9       *agreement of the individual concerned to serve with*  
10      *the Department for an appropriate length of time at*  
11      *the conclusion of the term of appointment in which*  
12      *the sabbatical commences, with the period of such*  
13      *service to be in addition to the period of such term*  
14      *of appointment.*

15           (2) *NUMBER OF SABBATICALS.*—*An individual*  
16      *may take more than one sabbatical under this sub-*  
17      *section.*

18           (3) *REPAYMENT.*—*Except as provided in para-*  
19      *graph (4), an individual who fails to satisfy a writ-*  
20      *ten agreement executed under paragraph (1) with re-*  
21      *spect to a sabbatical shall repay the Department an*  
22      *amount equal to any pay, allowances, and other bene-*  
23      *fits received by the individual from the Department*  
24      *during the period of the sabbatical.*

1           (4) *WAIVER OF REPAYMENT.*—*An agreement*  
2           *under paragraph (1) may include such conditions for*  
3           *the waiver of repayment otherwise required under*  
4           *paragraph (3) for failure to satisfy such agreement as*  
5           *the Secretary specifies in such agreement.*

6           (k) *REGULATIONS.*—*The Secretary of Defense shall ad-*  
7           *minister the pilot program under regulations prescribed by*  
8           *the Secretary for purposes of the pilot program.*

9           (l) *TERMINATION.*—

10           (1) *IN GENERAL.*—*The authority of the Secretary*  
11           *of Defense to appoint individuals for service with the*  
12           *Department of Defense as cybersecurity or legal pro-*  
13           *fessionals under the pilot program shall expire on De-*  
14           *cember 31, 2029.*

15           (2) *EFFECT ON EXISTING APPOINTMENTS.*—*The*  
16           *termination of authority in paragraph (1) shall not*  
17           *be construed to terminate or otherwise affect any ap-*  
18           *pointment made under this section before December*  
19           *31, 2029, that remains valid as of that date.*

20           (m) *IMPLEMENTATION.*—

21           (1) *INTERIM FINAL RULE.*—*Not later than one*  
22           *year after the date of the enactment of this Act, the*  
23           *Secretary of Defense shall prescribe an interim final*  
24           *rule to implement the pilot program.*

1           (2) *FINAL RULE.*—Not later than 180 days after  
2           prescribing the interim final rule under paragraph  
3           (1) and considering public comments with respect to  
4           such interim final rule, the Secretary shall prescribe  
5           a final rule to implement the pilot program.

6           (3) *OBJECTIVES.*—The regulations prescribed  
7           under paragraphs (1) and (2) shall accomplish the  
8           objectives set forth in subsections (a) through (j) and  
9           otherwise ensure flexibility and expedited appoint-  
10          ment of cybersecurity and legal professionals in the  
11          Department of Defense under the pilot program.

12          (n) *REPORTS.*—

13           (1) *REPORTS REQUIRED.*—Not later than Janu-  
14           ary 30 of each of 2022, 2025, and 2028, the Secretary  
15           of Defense shall submit to the appropriate committees  
16           of Congress a report on the carrying out of the pilot  
17           program. Each report shall include the following:

18                   (A) A description and assessment of the car-  
19                   rying out of the pilot program during the period  
20                   since the commencement of the pilot program or  
21                   the previous submittal of a report under this  
22                   subsection, as applicable.

23                   (B) A description and assessment of the suc-  
24                   cesses in and impediments to carrying out the  
25                   pilot program system during such period.

1           (C) *Such recommendations as the Secretary*  
2           *considers appropriate for legislative action to*  
3           *improve the pilot program and to otherwise im-*  
4           *prove civilian personnel management of cyberse-*  
5           *curity and legal professionals by the Department*  
6           *of Defense.*

7           (D) *In the case of the report submitted in*  
8           *2028, an assessment and recommendations by*  
9           *the Secretary on whether to make the pilot pro-*  
10          *gram permanent.*

11          (2) *APPROPRIATE COMMITTEES OF CONGRESS*  
12          *DEFINED.—In this subsection, the term “appropriate*  
13          *committees of Congress” means—*

14               (A) *the Committee on Armed Services and*  
15               *the Committee on Homeland Security and Gov-*  
16               *ernmental Affairs of the Senate; and*

17               (B) *the Committee on Armed Services and*  
18               *the Committee on Oversight and Government Re-*  
19               *form of the House of Representatives.*

1 **SEC. 1102. INCLUSION OF STRATEGIC CAPABILITIES OFFICE**  
2 **AND DEFENSE INNOVATION UNIT EXPERI-**  
3 **MENTAL OF THE DEPARTMENT OF DEFENSE**  
4 **IN PERSONNEL MANAGEMENT AUTHORITY TO**  
5 **ATTRACT EXPERTS IN SCIENCE AND ENGI-**  
6 **NEERING.**

7 (a) *IN GENERAL.*—Subsection (a) of section 1599h of  
8 title 10, United States Code, is amended by adding at the  
9 end the following new paragraphs:

10 “(4) *STRATEGIC CAPABILITIES OFFICE.*—The Di-  
11 rector of the Strategic Capabilities Office may carry  
12 out a program of personnel management authority  
13 provided in subsection (b) in order to facilitate re-  
14 cruitment of eminent experts in science or engineering  
15 for the Office.

16 “(5) *DIUx.*—The Director of the Defense Innova-  
17 tion Unit Experimental may carry out a program of  
18 personnel management authority provided in sub-  
19 section (b) in order to facilitate recruitment of emi-  
20 nent experts in science or engineering for the Unit.”.

21 (b) *SCOPE OF APPOINTMENT AUTHORITY.*—Subsection  
22 (b)(1) of such section is amended—

23 (1) in subparagraph (B), by striking “and” at  
24 the end; and

25 (2) by adding at the end the following new sub-  
26 paragraphs:

1           “(D) in the case of the Strategic Capabili-  
 2           ties Office, appoint scientists and engineers to a  
 3           total of not more than 5 scientific and engineer-  
 4           ing positions in the Office; and

5           “(E) in the case of the Defense Innovation  
 6           Unit Experimental, appoint scientists and engi-  
 7           neers to a total of not more than 5 scientific and  
 8           engineering positions in the Unit;”.

9           (c) *EXTENSION OF TERMS OF APPOINTMENT.*—Sub-  
 10          section (c)(2) of such section is amended by striking “or  
 11          the Office of Operational Test and Evaluation” and insert-  
 12          ing “the Office of Operational Test and Evaluation, the  
 13          Strategic Capabilities Office, or the Defense Innovation  
 14          Unit Experimental”.

15          **SEC. 1103. PERMANENT AUTHORITY FOR DEMONSTRATION**  
 16                                    **PROJECTS RELATING TO ACQUISITION PER-**  
 17                                    **SONNEL MANAGEMENT POLICIES AND PRO-**  
 18                                    **CEDURES.**

19          (a) *PERMANENT AUTHORITY.*—Section 1762 of title  
 20          10, United States Code, is amended by striking subsections  
 21          (g) and (h).

22          (b) *SCOPE OF AUTHORITY.*—Subsection (a) of such sec-  
 23          tion is amended by striking “COMMENCEMENT.—” and all  
 24          that follows through “a demonstration project” and insert-

1 *ing “IN GENERAL.—The Secretary of Defense may carry*  
2 *out demonstration projects”.*

3 *(c) INCREASE IN LIMIT ON NUMBER OF PARTICI-*  
4 *PANTS.—Subsection (c) of such section is amended by strik-*  
5 *ing “the demonstration project under this section may not*  
6 *exceed 120,000” and inserting “at any one time in dem-*  
7 *onstration projects under this section may not exceed*  
8 *130,000”.*

9 *(d) ASSESSMENTS.—Subsection (e) of such section is*  
10 *amended—*

11 *(1) by striking paragraph (1) and inserting the*  
12 *following new paragraph:*

13 *“(1) Upon the completion of a demonstration project*  
14 *under this section, the Secretary of Defense shall provide*  
15 *for the conduct of an assessment of the demonstration*  
16 *project by an appropriate independent organization des-*  
17 *ignated by the Secretary for that purpose. The Secretary*  
18 *shall submit to the covered congressional committees a re-*  
19 *port on each assessment conducted pursuant to this para-*  
20 *graph.”; and*

21 *(2) by striking paragraph (3).*

1 **SEC. 1104. ESTABLISHMENT OF SENIOR SCIENTIFIC TECH-**  
2 **NICAL MANAGERS AT MAJOR RANGE AND**  
3 **TEST FACILITY BASE FACILITIES AND DE-**  
4 **FENSE TEST RESOURCE MANAGEMENT CEN-**  
5 **TER.**

6 *Section 2358a of title 10, United States Code, is*  
7 *amended—*

8 *(1) in subsection (d)—*

9 *(A) in paragraph (1)—*

10 *(i) in the matter preceding subpara-*  
11 *graph (A), by inserting “, each facility of*  
12 *the Major Range and Test Facility Base,*  
13 *and the Defense Test Resource Management*  
14 *Center” after “each STRL”; and*

15 *(ii) in subparagraph (A), by inserting*  
16 *“, of such facility of the Major Range and*  
17 *Test Facility Base, or the Defense Test Re-*  
18 *source Management Center”; and*

19 *(B) in paragraph (2)—*

20 *(i) by striking “The positions” and in-*  
21 *serting “(A) The laboratory positions”; and*

22 *(ii) by adding at the end the following*  
23 *new subparagraph:*

24 *“(B) The test and evaluation positions described*  
25 *in paragraph (1) may be filled, and shall be man-*  
26 *aged, by the director of the Major Range and Test Fa-*

1 *cility Base, in the case of a position at a facility of*  
2 *the Major Range and Test Facility Base, and the di-*  
3 *rector of the Defense Test Resource Management Cen-*  
4 *ter, in the case of a position at such center, under cri-*  
5 *teria established pursuant to section 342(b) of the Na-*  
6 *tional Defense Authorization Act for Fiscal Year 1995*  
7 *(Public Law 103–337; 10 U.S.C. 2358 note), relating*  
8 *to personnel demonstration projects at laboratories of*  
9 *the Department of Defense, except that the director*  
10 *involved shall determine the number of such positions*  
11 *at each facility of the Major Range and Test Facility*  
12 *Base and the Defense Test Resource Management Cen-*  
13 *ter, not to exceed two percent of the number of sci-*  
14 *entists and engineers employed at the Major Range*  
15 *and Test Facility Base or the Defense Test Resource*  
16 *Management Center, as the case may be, as of the*  
17 *close of the last fiscal year before the fiscal year in*  
18 *which any appointments subject to that numerical*  
19 *limitations are made.”; and*

20 *(2) in subsection (f)—*

21 *(A) by redesignating paragraphs (1) and*  
22 *(2) as paragraphs (2) and (4), respectively;*

23 *(B) by inserting before paragraph (2), as*  
24 *redesignated by subparagraph (A), the following*  
25 *new paragraph (1):*

1           “(1) *The term ‘Defense Test Resource Manage-*  
2           *ment Center’ means the Department of Defense Test*  
3           *Resource Management Center established under sec-*  
4           *tion 196 of this title.’; and*

5                    *(C) by inserting after paragraph (2), as so*  
6            *redesignated, the following new paragraph:*

7           “(3) *The term ‘Major Range and Test Facility*  
8            *Base’ means the test and evaluation facilities and re-*  
9            *sources that are designated by the Secretary of De-*  
10           *fense as facilities and resources comprising the Major*  
11            *Range and Test Facility Base.’.*”

12 **SEC. 1105. EXTENSION OF TEMPORARY DIRECT HIRE AU-**  
13                    **THORITY FOR DOMESTIC DEFENSE INDUS-**  
14                    **TRIAL BASE FACILITIES AND THE MAJOR**  
15                    **RANGE AND TEST FACILITIES BASE.**

16            *Section 1125(a) of the National Defense Authorization*  
17            *Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.*  
18            *2457; 10 U.S.C. 1580 note prec.) is amended by striking*  
19            *“and 2018” and inserting “through 2019”.*

20 **SEC. 1106. DIRECT HIRE AUTHORITY FOR FINANCIAL MAN-**  
21                    **AGEMENT EXPERTS IN THE DEPARTMENT OF**  
22                    **DEFENSE WORKFORCE.**

23            *Section 1110 of the National Defense Authorization*  
24            *Act for 2017 (Public Law 114–328; 130 Stat. 2450; 10*  
25            *U.S.C. 1580 note prec.) is amended—*

1           (1) *in subsection (a), by striking “the Defense*  
2 *Agencies or the applicable military Department” and*  
3 *inserting “a Department of Defense component”;*

4           (2) *in subsection (b)(1), by striking “the Defense*  
5 *Agencies” and inserting “each Department of Defense*  
6 *component listed in subsection (f) other than the De-*  
7 *partment of the Army, the Department of the Navy,*  
8 *and the Department of the Air Force”;*

9           (3) *in subsection (d)—*

10           (A) *by striking “any Defense Agency or*  
11 *military department” and inserting “any De-*  
12 *partment of Defense component”;* and

13           (B) *by striking “such Defense Agency or*  
14 *military department” and inserting “such De-*  
15 *partment of Defense component”;* and

16           (4) *by striking subsection (f) and inserting the*  
17 *following new subsection (f):*

18           “(f) *DEPARTMENT OF DEFENSE COMPONENT DE-*  
19 *FINED.—In this section, the term ‘Department of Defense*  
20 *component’ means the following:*

21           “(1) *A Defense Agency.*

22           “(2) *The Office of the Chairman of the Joint*  
23 *Chiefs of Staff.*

24           “(3) *The Joint Staff.*

25           “(4) *A combatant command.*

1           “(5) *The Office of the Inspector General of the*  
2           *Department of Defense.*”

3           “(6) *A Field Activity of the Department of De-*  
4           *fense.*”

5           “(7) *The Department of the Army.*”

6           “(8) *The Department of the Navy.*”

7           “(9) *The Department of the Air Force.*”.

8   **SEC. 1107. AUTHORITY FOR WAIVER OF REQUIREMENT FOR**  
9           **A BACCALAUREATE DEGREE FOR POSITIONS**  
10           **IN THE DEPARTMENT OF DEFENSE ON CY-**  
11           **BERSECURITY AND COMPUTER PROGRAM-**  
12           **MING.**

13           (a) *BRIEFING ON WAIVER REQUIRED.*—Not later than  
14   60 days after the date of the enactment of this Act, the Sec-  
15   retary of Defense shall provide the Committees on Armed  
16   Services of the Senate and the House of Representatives a  
17   briefing on the feasibility and advisability of the enactment  
18   into law of the waiver authority described in subsection (b)  
19   and the authorities in subsections (c) through (e).

20           (b) *WAIVER AUTHORITY.*—The waiver authority de-  
21   scribed in this subsection is the authority of the Secretary  
22   of Defense to waive any requirement in law for the posses-  
23   sion of a baccalaureate degree as a condition of appoint-  
24   ment to a position or category of positions in the Depart-  
25   ment of Defense specified in subsection (c) if the Secretary

1 *determined that the duties of the position or category of po-*  
2 *sitions could be appropriately discharged by individuals*  
3 *demonstrating expertise other than a baccalaureate degree.*

4 (c) *POSITIONS.—The positions or categories of posi-*  
5 *tions in the Department specified in this subsection are po-*  
6 *sitions or categories of positions whose primary duties in-*  
7 *volve the following:*

8 (1) *Cybersecurity, including computer network*  
9 *operations, computer network defense, computer net-*  
10 *work attack, and computer network exploitation.*

11 (2) *Computer programming.*

12 (d) *APPOINTMENT.—An individual who does not pos-*  
13 *sess a baccalaureate degree could be appointed to a position*  
14 *covered by a waiver pursuant to subsection (b) only if the*  
15 *Secretary determined that the expertise demonstrated by the*  
16 *individual was sufficient for the appropriate discharge of*  
17 *the duties of the position by the individual.*

18 (e) *GUIDANCE.—The Secretary would issue guidance*  
19 *for purposes of this section setting forth the following:*

20 (1) *The positions or categories of positions in the*  
21 *Department subject to the waiver authorized by sub-*  
22 *section (b).*

23 (2) *For each position or category of positions,*  
24 *the expertise required for appointment to such posi-*  
25 *tion or category of positions.*

1           **Subtitle B—Government-wide**  
2                           **Matters**

3   **SEC. 1111. ELIMINATION OF FOREIGN EXEMPTION PROVI-**  
4                           **SION IN REGARD TO OVERTIME FOR FEDERAL**  
5                           **CIVILIAN EMPLOYEES TEMPORARILY AS-**  
6                           **SIGNED TO A FOREIGN AREA.**

7           (a) *IN GENERAL.*—Section 5542 of title 5, United  
8   States Code, is amended by adding at the end the following:

9           “(h) Notwithstanding section 13(f) of the Fair Labor  
10   Standards Act of 1938 (29 U.S.C. 213(f)), an employee who  
11   is working at a location in a foreign country, or in a terri-  
12   tory under the jurisdiction of the United States to which  
13   the exemption under such section 13(f) applies, in tem-  
14   porary duty travel status while maintaining an official  
15   duty station or worksite in an area of the United States  
16   that is not exempted under such section 13(f) shall not be  
17   considered, for all purposes, to be exempted from section 7  
18   of such Act (29 U.S.C. 207) on the basis of the employee  
19   performing work at such a location.”.

20           (b) *FEDERAL WAGE SYSTEM EMPLOYEES.*—Section  
21   5544 of title 5, United States Code, is amended by adding  
22   at the end the following:

23           “(d) Notwithstanding section 13(f) of the Fair Labor  
24   Standards Act of 1938 (29 U.S.C. 213(f)), an employee  
25   whose overtime pay is determined in accordance with sub-

1 *section (a) who is working at a location in a foreign coun-*  
2 *try, or in a territory under the jurisdiction of the United*  
3 *States to which the exemption under such section 13(f) ap-*  
4 *plies, in temporary duty travel status while maintaining*  
5 *an official duty station or worksite in an area of the United*  
6 *States that is not exempted under such section 13(f) shall*  
7 *not be considered, for all purposes, to be exempted from sec-*  
8 *tion 7 of such Act (29 U.S.C. 207) on the basis of the em-*  
9 *ployee performing work at such a location.”.*

10 *(c) CONFORMING REPEAL.—Section 5542(a) of title 5,*  
11 *United States Code, is amended by striking paragraph (6).*

12 **SEC. 1112. ONE-YEAR EXTENSION OF AUTHORITY TO WAIVE**  
13 **ANNUAL LIMITATION ON PREMIUM PAY AND**  
14 **AGGREGATE LIMITATION ON PAY FOR FED-**  
15 **ERAL CIVILIAN EMPLOYEES WORKING OVER-**  
16 **SEAS.**

17 *Section 1101(a) of the Duncan Hunter National De-*  
18 *fense Authorization Act for Fiscal Year 2009 (Public Law*  
19 *110–417; 122 Stat. 4615), as most recently amended by sec-*  
20 *tion 1137 of the National Defense Authorization Act for Fis-*  
21 *cal Year 2017 (Public Law 114–328), is further amended*  
22 *by striking “through 2017” and inserting “through 2018”.*

1 **SEC. 1113. ONE-YEAR EXTENSION OF TEMPORARY AUTHOR-**  
 2 **ITY TO GRANT ALLOWANCES, BENEFITS, AND**  
 3 **GRATUITIES TO CIVILIAN PERSONNEL ON OF-**  
 4 **FICIAL DUTY IN A COMBAT ZONE.**

5 *Paragraph (2) of section 1603(a) of the Emergency*  
 6 *Supplemental Appropriations Act for Defense, the Global*  
 7 *War on Terror, and Hurricane Recovery, 2006 (Public Law*  
 8 *109–234; 120 Stat. 443), as added by section 1102 of the*  
 9 *Duncan Hunter National Defense Authorization Act for*  
 10 *Fiscal Year 2009 (Public Law 110–417; 122 Stat. 4616)*  
 11 *and most recently amended by section 1133 of the National*  
 12 *Defense Authorization Act for Fiscal Year 2017 (Public*  
 13 *Law 114–328), is further amended by striking “2018” and*  
 14 *inserting “2019”.*

15 **TITLE XII—MATTERS RELATING**  
 16 **TO FOREIGN NATIONS**  
 17 **Subtitle A—Assistance and**  
 18 **Training**

19 **SEC. 1201. SUPPORT OF SPECIAL OPERATIONS FOR IRREG-**  
 20 **ULAR WARFARE.**

21 *(a) AUTHORITY.—The Secretary of Defense may, with*  
 22 *the concurrence of the relevant Chief of Mission, expend up*  
 23 *to \$10,000,000 during each of fiscal years 2018 through*  
 24 *2021 to provide support to foreign forces, irregular forces,*  
 25 *groups, or individuals engaged in supporting or facilitating*

1 *ongoing irregular warfare operations by United States Spe-*  
2 *cial Operations Forces.*

3 (b) *FUNDS.—Funds for support under this section in*  
4 *a fiscal year shall be derived from amounts authorized to*  
5 *be appropriated for that fiscal year for the Department of*  
6 *Defense for operation and maintenance.*

7 (c) *PROCEDURES.—*

8 (1) *IN GENERAL.—The authority in this section*  
9 *shall be exercised in accordance with such procedures*  
10 *as the Secretary shall establish for purposes of this*  
11 *section.*

12 (2) *ELEMENTS.—The procedures that shall estab-*  
13 *lish, at a minimum, the following:*

14 (A) *Policy guidance for the execution of ac-*  
15 *tivities under the authority in this section.*

16 (B) *The processes through which activities*  
17 *under the authority in this section are to be de-*  
18 *veloped, validated, and coordinated, as appro-*  
19 *priate, with relevant entities of the United States*  
20 *Government.*

21 (3) *NOTICE TO CONGRESS ON PROCEDURES AND*  
22 *MATERIAL MODIFICATIONS.—The Secretary shall no-*  
23 *tify the congressional defense committees of the proce-*  
24 *dures established pursuant to this section before any*  
25 *exercise of the authority in this section, and shall no-*

1     *tify such committee of any material modification of*  
2     *the procedures.*

3     *(d) NOTIFICATION.—*

4             *(1) IN GENERAL.—Not later than 15 days before*  
5     *exercising the authority in this section to make funds*  
6     *available to initiate support of an approved military*  
7     *operation or changing the scope or funding level of*  
8     *any support under this section for such an operation*  
9     *by \$500,000 or an amount equal to 10 percent of such*  
10    *funding level (whichever is less), or not later than 48*  
11    *hours after exercising such authority if the Secretary*  
12    *determines that extraordinary circumstances that im-*  
13    *part the national security of the United States exist*  
14    *that otherwise prevent notice under this subsection be-*  
15    *fore the exercise of such authority, the Secretary shall*  
16    *notify the congressional defense committees of the use*  
17    *of such authority with respect to such operation. Any*  
18    *such notification shall be in writing.*

19             *(2) ELEMENTS.—A notification required by this*  
20    *subsection shall include the following:*

21                 *(A) The type of support provided or to be*  
22                 *provided to United States Special Operations*  
23                 *Forces.*

24                 *(B) The type of support provided or to be*  
25                 *provided to the recipient of the funds.*

1                   (C) *The amount obligated under the author-*  
2                   *ity to provide support.*

3           (e) *LIMITATION ON DELEGATION.—The authority of*  
4 *the Secretary to make funds available under this section*  
5 *for support of a military operation may not be delegated.*

6           (f) *CONSTRUCTION OF AUTHORITY.—Nothing in this*  
7 *section shall be construed to constitute a specific statutory*  
8 *authorization for any of the following:*

9                   (1) *The conduct of a covert action, as such term*  
10 *is defined in section 503(e) of the National Security*  
11 *Act of 1947 (50 U.S.C. 3093(e)).*

12                   (2) *The introduction of United States Armed*  
13 *Forces into hostilities or into situations wherein hos-*  
14 *tilities are clearly indicated by the circumstances.*

15                   (3) *The conduct or support of activities, directly*  
16 *or indirectly, that are inconsistent with the laws of*  
17 *armed conflict.*

18           (g) *PROGRAMMATIC AND POLICY OVERSIGHT.—The*  
19 *Assistant Secretary of Defense for Special Operations and*  
20 *Low-Intensity Conflict shall have primary programmatic*  
21 *and policy oversight within the Office of the Secretary of*  
22 *Defense of support to irregular warfare activities authorized*  
23 *by this section.*

24           (h) *BIANNUAL REPORTS.—*

1           (1) *REPORT ON PRECEDING FISCAL YEAR.*—Not  
2 later than 120 days after the close of each fiscal year  
3 in which subsection (a) is in effect, the Secretary shall  
4 submit to the congressional defense committees a re-  
5 port on the support provided under this section dur-  
6 ing the preceding fiscal year.

7           (2) *REPORT ON CURRENT CALENDAR YEAR.*—Not  
8 later than 180 days after the submittal of each report  
9 required by paragraph (1), the Secretary shall submit  
10 to the congressional defense committees a report on  
11 the support provided under this section during the  
12 first half of the fiscal year in which the report under  
13 this paragraph is submitted.

14           (3) *ELEMENTS.*—Each report required by this  
15 subsection shall include the following:

16                   (A) *A summary of the ongoing irregular*  
17 *warfare operations by United States Special Op-*  
18 *erations Forces that were supported or facilitated*  
19 *by foreign forces, irregular forces, groups, or in-*  
20 *dividuals for which support was provided under*  
21 *this section during the period covered by such re-*  
22 *port.*

23                   (B) *A description of the support or facilita-*  
24 *tion provided by such foreign forces, irregular*

1           *forces, groups, or individuals to United States*  
2           *Special Operations Forces during such period.*

3           (C) *The type of recipients that were pro-*  
4           *vided support under this section during such pe-*  
5           *riod, identified by authorized category (foreign*  
6           *forces, irregular forces, groups, or individuals).*

7           (D) *A detailed description of the support*  
8           *provided to the recipients under this section dur-*  
9           *ing such period.*

10          (E) *The total amount obligated for support*  
11          *under this section during such period, including*  
12          *budget details.*

13          (F) *The intended duration of support pro-*  
14          *vided under this section during such period*

15          (G) *An assessment of value of the support*  
16          *provided under this section during such period,*  
17          *including a summary of significant activities*  
18          *undertaken by foreign forces, irregular forces,*  
19          *groups, or individuals to support irregular war-*  
20          *fare operations by United States Special Oper-*  
21          *ations Forces.*

22          (H) *The total amount obligated for support*  
23          *under this section in prior fiscal years.*

24          (i) *IRREGULAR WARFARE DEFINED.—In this section,*  
25          *the term “irregular warfare” means activities in support*

1 of predetermined United States policy and military objec-  
 2 tives conducted by, with, and through regular forces, irreg-  
 3 ular forces, groups, and individuals participating in com-  
 4 petition between state and non-state actors short of tradi-  
 5 tional armed conflict.

6 **SEC. 1202. MODIFICATION OF AUTHORITY ON SUPPORT OF**  
 7 **SPECIAL OPERATIONS TO COMBAT TER-**  
 8 **RORISM.**

9 (a) *OVERSIGHT OF SUPPORT.*—Section 127e of title  
 10 10, United States Code, is amended—

11 (1) by redesignating subsection (g) as subsection  
 12 (h); and

13 (2) by inserting after subsection (f) the following  
 14 new subsection (g):

15 “(g) *OVERSIGHT BY ASD FOR SOLIC.*—The Assistant  
 16 Secretary of Defense for Special Operations and Low-Inten-  
 17 sity Conflict shall have primary responsibility within the  
 18 Office of the Secretary of Defense for oversight of policies  
 19 and programs for support authorized by this section.”.

20 (b) *REPORTS.*—Subsection (h) of such section, as re-  
 21 designated by subsection (a)(1) of this section is further  
 22 amended—

23 (1) in paragraph (1)—

24 (A) in the heading, by striking “CALENDAR  
 25 YEAR” and inserting “FISCAL YEAR”;

1           (B) by striking “March 1 each year” and  
 2           inserting “120 days after the end of the pre-  
 3           ceding fiscal year of each year”; and

4           (C) by striking “the preceding calendar  
 5           year” and inserting “such preceding fiscal year”;  
 6           and

7           (2) in paragraph (2)—

8           (A) in the heading, by striking “CALENDAR  
 9           YEAR” and inserting “FISCAL YEAR”;

10          (B) by striking “September 1” and insert-  
 11          ing “July 1”; and

12          (C) by striking “the calendar year” and in-  
 13          serting “the fiscal year”.

14 **SEC. 1203. MODIFICATIONS OF CERTAIN AUTHORITY IN**  
 15 **CONNECTION WITH REFORM OF DEFENSE SE-**  
 16 **CURITY COOPERATION PROGRAMS AND AC-**  
 17 **TIVITIES.**

18          (a) *DEFENSE INSTITUTIONAL CAPACITY BUILDING OF*  
 19 *FOREIGN COUNTRIES.*—Section 332 of title 10, United  
 20 States Code, is amended—

21           (1) in subsection (a), by inserting “members of  
 22           the armed forces and” before “civilian employees” in  
 23           the matter preceding paragraph (1);

24           (2) in subsection (b)(2)(B)—

1           (A) by striking “employees” both place it  
2           appears and inserting “advisors”; and

3           (B) by striking “employee’s” and inserting  
4           “advisor’s”; and

5           (3) in subsection (c)—

6           (A) by inserting “member of the armed  
7           forces or” before “civilian employee of the De-  
8           partment of Defense” in the matter preceding  
9           paragraph (1);

10          (B) in paragraph (1), by striking “em-  
11          ployee as an”; and

12          (C) in paragraph (3), by striking “the em-  
13          ployee” and inserting “the advisor”.

14          (b) **DEFENSE INSTITUTIONAL CAPACITY BUILDING OF**  
15 **FOREIGN FORCES.**—Section 333(c)(4) of such title is  
16 amended by striking “the Department” and inserting “the  
17 Department of Defense or another department or agency of  
18 the United States Government”.

19 **SEC. 1204. GLOBAL SECURITY CONTINGENCY FUND MAT-**  
20 **TERS.**

21          (a) **TWO-YEAR EXTENSION OF AUTHORITY.**—Section  
22 1207 of the National Defense Authorization Act for Fiscal  
23 Year 2012 (22 U.S.C. 2151 note) is amended—

24           (1) in subsection (i), by striking “September 30,  
25           2017” and inserting “September 30, 2019”; and

1           (2) *in subsection (p)—*

2                   (A) *by striking “September 30, 2017” and*  
3                   *inserting “September 30, 2019”; and*

4                   (B) *by striking “through 2017” and insert-*  
5                   *ing “through 2019”.*

6           (b) *PURPOSES OF FUND.—Subsection (b) of such sec-*  
7           *tion is amended—*

8                   (1) *in paragraph (1)—*

9                           (A) *in the matter preceding subparagraph*  
10                           (A), *by striking “, or other national security*  
11                           *forces that conduct border and maritime secu-*  
12                           *rity, internal defense, and counterterrorism oper-*  
13                           *ations” and inserting “or other national security*  
14                           *forces”;*

15                           (B) *in subparagraph (A), by striking “or”*  
16                           *at the end;*

17                           (C) *in subparagraph (B), by striking the*  
18                           *period at the end and inserting “; or”;* and

19                           (D) *by adding at the end the following new*  
20                           *subparagraph:*

21                           “*(C) provide support to civil or national se-*  
22                           *curity authorities in connection with humani-*  
23                           *tarian assistance (including demining), disaster*  
24                           *response, and disaster risk reduction activities.”;*  
25                           *and*

1           (2) *in paragraph (2), by striking “rule of law*  
2 *programs,” and all that follows and inserting “rule*  
3 *of law programs and stabilization efforts in a coun-*  
4 *try.”.*

5           (c) *NOTICE TO CONGRESS ON INITIATION OF ASSIST-*  
6 *ANCE.—Subsection (l) of such section is amended by strik-*  
7 *ing “30 days” and inserting “15 days”.*

8 **SEC. 1205. DEFENSE INSTITUTE OF INTERNATIONAL LEGAL**  
9 **STUDIES.**

10          (a) *IN GENERAL.—The Secretary of Defense may oper-*  
11 *ate an institute to be known as the “Defense Institute of*  
12 *International Legal Studies” (in this section referred to as*  
13 *the “Institute”) in accordance with this section for purposes*  
14 *in furtherance of United States security and foreign policy*  
15 *objectives of—*

16           (1) *promoting an understanding of and appre-*  
17 *ciation for the rule of law; and*

18           (2) *encouraging the international development of*  
19 *internal capacities of foreign governments for civilian*  
20 *control of the military, military justice, the legal as-*  
21 *pects of peacekeeping, good governance and anti-cor-*  
22 *ruption in defense reform, and human rights.*

23          (b) *ACTIVITIES.—In carrying out the purposes speci-*  
24 *fied in subsection (a), the Institute may conduct activities*  
25 *as follows:*

1           (1) *Research, communication, and exchange of*  
2 *ideas.*

3           (2) *Education and training involving military*  
4 *and civilian personnel, both within and outside the*  
5 *United States.*

6           (3) *Building the legal capacity of foreign mili-*  
7 *tary and other security forces, including equitable,*  
8 *transparent, and accountable defense institutions, ci-*  
9 *vilian control of the military, human rights, and*  
10 *democratic governance.*

11           (4) *Institutional legal capacity building of for-*  
12 *ign defense and security institutions.*

13           (c) *CONCURRENCE OF SECRETARY OF STATE.—The*  
14 *concurrence of the Secretary of State is required to conduct*  
15 *activities specified in subsection (b).*

16           (d) *DEPARTMENT OF DEFENSE REVIEW.—*

17           (1) *IN GENERAL.—The Secretary of Defense shall*  
18 *conduct a comprehensive review of the mission, work-*  
19 *force, funding, and other support of the Institute.*

20           (2) *ELEMENTS.—The review shall include, but*  
21 *not be limited to, the following:*

22           (A) *An assessment of the scope of the mis-*  
23 *sion of the Institute, taking into account the in-*  
24 *creasing security cooperation authorities and re-*  
25 *quirements of the Department of Defense, includ-*

1            *ing core rule of law training in the United*  
2            *States and abroad, defense legal institution*  
3            *building, and statutorily required human rights*  
4            *and legal capacity building of foreign security*  
5            *forces.*

6            *(B) An assessment of the workforce of the*  
7            *Institute, including whether it is appropriately*  
8            *sized to align with the full scope of the mission*  
9            *of the Institute.*

10           *(C) A review of the funding mechanisms for*  
11           *the activities of the Institute, including the cur-*  
12           *rent mechanisms for reimbursing the Institute by*  
13           *the Department of State and by the Department*  
14           *of Defense through the budget of the Defense Se-*  
15           *curity Cooperation Agency.*

16           *(D) An evaluation of the feasibility and ad-*  
17           *visability of the provision of funds appropriated*  
18           *for the Department of Defense directly to the In-*  
19           *stitute, and the actions, if any, required to au-*  
20           *thorize the Institute to receive such funds di-*  
21           *rectly.*

22           *(E) A description of the challenges, if any,*  
23           *of the Institute to increase its capacity to pro-*  
24           *vide residence courses to meet demands for train-*  
25           *ing and assistance.*

1           (F) *An assessment of the capacity of the De-*  
2           *partment of Defense to assess, monitor, and*  
3           *evaluate the effectiveness of the human rights*  
4           *training and other activities of the Institute.*

5           (3) *REPORT.—Not later than 180 days after the*  
6           *date of the enactment of this Act, the Secretary shall*  
7           *submit to the congressional defense committees a re-*  
8           *port summarizing the findings of the review and any*  
9           *recommendations for enhancing the capability of the*  
10          *Institute to fulfill its mission that the Secretary con-*  
11          *siders appropriate.*

12           ***Subtitle B—Matters Relating to***  
13           ***Afghanistan and Pakistan***

14          ***SEC. 1211. EXTENSION OF COMMANDERS' EMERGENCY RE-***  
15                           ***SPONSE PROGRAM AND RELATED AUTHORI-***  
16                           ***TIES.***

17          (a) *CERP.—Section 1201 of the National Defense Au-*  
18          *thorization Act for Fiscal Year 2012 (Public Law 112–81;*  
19          *125 Stat. 1619), as most recently amended by section*  
20          *1211(a) of the National Defense Authorization Act for Fis-*  
21          *cal Year 2017 (Public Law 114–328; 130 Stat. 2477), is*  
22          *further amended—*

23                   (1) *in subsection (a), by striking “December 31,*  
24                   *2018” and inserting “December 31, 2019”;*

1           (2) *in subsection (b), by striking “fiscal year*  
2           *2017 and fiscal year 2018” and inserting “each of fis-*  
3           *cal years 2017, 2018, and 2019”;* and

4           (3) *in subsection (f), by striking “December 31,*  
5           *2018” and inserting “December 31, 2019”.*

6           (b) *PAYMENTS FOR REDRESS OF CERTAIN INJU-*  
7           *RIES.—Section 1211(b)(1) of the National Defense Author-*  
8           *ization Act for Fiscal Year 2017 (130 Stat. 2478) is amend-*  
9           *ed by striking “December 31, 2018” and inserting “Decem-*  
10           *ber 31, 2019”.*

11   **SEC. 1212. EXTENSION OF AUTHORITY TO TRANSFER DE-**  
12                           **FENSE ARTICLES AND PROVIDE DEFENSE**  
13                           **SERVICES TO THE MILITARY AND SECURITY**  
14                           **FORCES OF AFGHANISTAN.**

15           (a) *EXPIRATION.—Subsection (h) of section 1222 of the*  
16           *National Defense Authorization Act for Fiscal Year 2013*  
17           *(Public Law 112–239; 126 Stat. 1992), as most recently*  
18           *amended by section 1213 of the National Defense Authoriza-*  
19           *tion Act for Fiscal Year 2017 (Public Law 114–328; 130*  
20           *Stat. 2478), is further amended by striking “December 31,*  
21           *2017” and inserting “December 31, 2018”.*

22           (b) *EXCESS DEFENSE ARTICLES.—Subsection (i)(2) of*  
23           *such section 1222, as so amended, is further amended by*  
24           *striking “December 31, 2017” each place it appears and*  
25           *inserting “December 31, 2018”.*

1 **SEC. 1213. EXTENSION AND MODIFICATION OF AUTHORITY**  
2 **FOR REIMBURSEMENT OF CERTAIN COALI-**  
3 **TION NATIONS FOR SUPPORT PROVIDED TO**  
4 **UNITED STATES MILITARY OPERATIONS.**

5 (a) *EXTENSION.*—Subsection (a) of section 1233 of the  
6 *National Defense Authorization Act for Fiscal Year 2008*  
7 (*Public Law 110–181; 122 Stat. 393*), as most recently  
8 amended by section 1218 of the *National Defense Authoriza-*  
9 *tion Act for Fiscal Year 2017 (Public Law 114–328)*, is  
10 further amended by striking “the period beginning on Octo-  
11 ber 1, 2016, and ending on December 31, 2017,” and insert-  
12 ing “fiscal year 2018.”

13 (b) *LIMITATIONS ON AMOUNTS AVAILABLE.*—Sub-  
14 section (d)(1) of such section, as so amended, is further  
15 amended—

16 (1) in the first sentence, by striking “during the  
17 period beginning on October 1, 2016, and ending on  
18 December 31, 2017, may not exceed \$1,100,000,000”  
19 and inserting “during fiscal year 2018 may not ex-  
20 ceed \$900,000,000”; and

21 (2) in the second sentence, by striking “the pe-  
22 riod beginning on October 1, 2016 and ending on De-  
23 cember 31, 2017, may not exceed \$900,000,000” and  
24 inserting “during fiscal year 2018 may not exceed  
25 \$700,000,000”.

1       (c) *EXTENSION OF REPORTING REQUIREMENT ON RE-*  
2 *IMBURSEMENT OF PAKISTAN FOR SECURITY ENHANCEMENT*  
3 *ACTIVITIES.*—*Subsection (e)(2) of such section, as added by*  
4 *section 1218 of the National Defense Authorization Act for*  
5 *Fiscal Year 2017, is amended by inserting “and annually*  
6 *thereafter,” after “December 31, 2017,”.*

7       (d) *EXTENSION OF NOTICE REQUIREMENT RELATING*  
8 *TO REIMBURSEMENT OF PAKISTAN FOR SUPPORT PRO-*  
9 *VIDED BY PAKISTAN.*—*Section 1232(b)(6) of the National*  
10 *Defense Authorization Act for Fiscal Year 2008, as most*  
11 *recently amended by section 1218(e) of the National Defense*  
12 *Authorization Act for Fiscal Year 2017, is further amended*  
13 *by striking “December 31, 2017” and inserting “September*  
14 *30, 2018”.*

15       (e) *EXTENSION OF LIMITATION ON REIMBURSEMENT*  
16 *OF PAKISTAN PENDING CERTIFICATION ON PAKISTAN.*—  
17 *Section 1227(d)(1) of the National Defense Authorization*  
18 *Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat.*  
19 *2001), as most recently amended by section 1218(f) of the*  
20 *National Defense Authorization Act for Fiscal Year 2017,*  
21 *is further amended by striking “for any period prior to De-*  
22 *cember 31, 2017” and inserting “for fiscal year 2018 and*  
23 *any prior fiscal year”.*

24       (f) *ADDITIONAL LIMITATION ON REIMBURSEMENT OF*  
25 *PAKISTAN PENDING CERTIFICATION ON PAKISTAN.*—*Of the*

1 *total amount of reimbursements and support authorized for*  
2 *Pakistan during fiscal year 2018 pursuant to the second*  
3 *sentence of section 1233(d)(1) of the National Defense Au-*  
4 *thorization Act for Fiscal Year 2008 (as amended by sub-*  
5 *section (b)(2)), \$350,000,000 shall not be eligible for the*  
6 *waiver under section 1227(d)(2) of the National Defense*  
7 *Authorization Act for Fiscal Year 2013 (126 Stat. 2001)*  
8 *unless the Secretary of Defense certifies to the congressional*  
9 *defense committees that—*

10           (1) *Pakistan continues to conduct military oper-*  
11 *ations that are contributing to significantly dis-*  
12 *rupting the safe havens, fundraising and recruiting*  
13 *efforts, and freedom of movement of the Haqqani Net-*  
14 *work and Lashkar-e-Tayyiba in Pakistan;*

15           (2) *Pakistan has taken steps to demonstrate its*  
16 *commitment to prevent the Haqqani Network and*  
17 *Lashkar-e-Tayyiba from using any Pakistan territory*  
18 *as a safe haven and for fundraising and recruiting ef-*  
19 *forts;*

20           (3) *the Government of Pakistan is making an at-*  
21 *tempt to actively coordinate with the Government of*  
22 *Afghanistan to restrict the movement of militants,*  
23 *such as the Haqqani Network and Lashkar-e-Tayyiba,*  
24 *along the Afghanistan-Pakistan border; and*

1           (4) *Pakistan has shown progress in arresting*  
2           *and prosecuting senior leaders and mid-level*  
3           *operatives of the Haqqani Network and Lashkar-e-*  
4           *Tayyiba.*

5 **SEC. 1214. EXTENSION OF AUTHORITY TO ACQUIRE PROD-**  
6           **UCTS AND SERVICES PRODUCED IN COUN-**  
7           **TRIES ALONG A MAJOR ROUTE OF SUPPLY TO**  
8           **AFGHANISTAN.**

9           *Section 801(f) of the National Defense Authorization*  
10          *Act for Fiscal Year 2010 (Public Law 111–84; 123 Stat.*  
11          *2399), as most recently amended by section 1212 of the Na-*  
12          *tional Defense Authorization Act for Fiscal Year 2017 (Pub-*  
13          *lic Law 114–328; 130 Stat. 2478), is further amended by*  
14          *striking “December 31, 2018” and inserting “December 31,*  
15          *2019”.*

16 **SEC. 1215. EXTENSION OF SEMIANNUAL REPORT ON EN-**  
17           **HANCING SECURITY AND STABILITY IN AF-**  
18           **GHANISTAN.**

19          *Section 1225(a)(2) of the Carl Levin and Howard P.*  
20          *“Buck” McKeon National Defense Authorization Act for*  
21          *Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3550),*  
22          *as amended by section 1215(a) of the National Defense Au-*  
23          *thorization Act for Fiscal Year 2017 (Public Law 114–328;*  
24          *130 Stat. 2480), is further amended by striking “December*  
25          *15, 2019” and inserting “December 15, 2020”.*

1 **SEC. 1216. SENSE OF CONGRESS REGARDING THE AFGHAN**  
2 **SPECIAL IMMIGRANT VISA PROGRAM.**

3 (a) *FINDINGS.*—Congress finds the following:

4 (1) *The Armed Forces, the Department of State,*  
5 *the United States Agency for International Develop-*  
6 *ment, and other agencies and departments of the*  
7 *United States rely on the services of Afghan nationals*  
8 *in a variety of sensitive and trusted capacities to sup-*  
9 *port the operations of the United States Government*  
10 *in Afghanistan.*

11 (2) *Afghans who have supported the United*  
12 *States Government in Afghanistan face grave threats*  
13 *from the Taliban and other terrorist groups as a re-*  
14 *sult of their service.*

15 (3) *Commander of the United States Central*  
16 *Command, General Joseph L. Votel, warned in a*  
17 *June 14, 2017, letter that “curtailing or abandoning”*  
18 *the special immigrant visa program for Afghans car-*  
19 *ried out under the Afghan Allies Protection Act of*  
20 *2009 (8 U.S.C. 1101 note) “would risk significantly*  
21 *undermining years of progress and goodwill and*  
22 *could serve to tip the balance in favor of malign ac-*  
23 *tors”.*

24 (4) *Commander of Resolute Support and United*  
25 *States Forces-Afghanistan, General John W. Nichol-*  
26 *son Jr., warned in a June 12, 2017, letter that if such*

1        *program “is not fully resourced it could significantly*  
2        *undermine our credibility and the 16 years of tremen-*  
3        *dous sacrifice by thousands of Afghans on behalf of*  
4        *Americans and Coalition partners”.*

5            *(5) All visas allocated for such program are pro-*  
6        *jected to be exhausted and all visa issuances for prin-*  
7        *cipal applicants will cease in October 2017, if addi-*  
8        *tional visas are not authorized.*

9            *(6) The cessation of the issuance of special immi-*  
10       *grant visas for Afghans is likely to cause panic*  
11       *among the Afghans who are assisting the United*  
12       *States, often at great personal risk, and could signifi-*  
13       *cantly affect the operations of the United States Gov-*  
14       *ernment in Afghanistan.*

15        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
16       *that an additional 4,000 visas should be made available for*  
17       *principal aliens who are eligible for special immigrant sta-*  
18       *tus under the Afghan Allies Protection Act of 2009 (8*  
19       *U.S.C. 1101 note) to prevent harm to the operations of the*  
20       *United States Government in Afghanistan.*

21        **SEC. 1217. SPECIAL IMMIGRANT VISAS FOR AFGHAN ALLIES.**

22        *Section 602(b)(3)(F) of the Afghan Allies Protection*  
23       *Act of 2009 (8 U.S.C. 1101 note) is amended in the matter*  
24       *preceding clause (i), by striking “11,000” and inserting*  
25       *“15,000”.*

1       ***Subtitle C—Matters Relating to***  
2                   ***Syria, Iraq, and Iran***

3   **SEC. 1231. MODIFICATION OF AUTHORITY TO PROVIDE AS-**  
4                   **SISTANCE TO COUNTER THE ISLAMIC STATE**  
5                   **OF IRAQ AND SYRIA.**

6       *(a) CLARIFICATION OF CONSTRUCTION AUTHORITY.—*

7               *(1) CLARIFICATION.—Subsection (a) of section*  
8               *1236 of the Carl Levin and Howard P. “Buck”*  
9               *McKeon National Defense Authorization Act for Fis-*  
10              *cal Year 2015 (Public Law 113–291; 128 Stat. 3558),*  
11              *as most recently amended by section 1222 of the Na-*  
12              *tional Defense Authorization Act for Fiscal Year 2017*  
13              *(Public Law 114–328; 130 Stat. 2485), is further*  
14              *amended by striking “facility and infrastructure re-*  
15              *pair and renovation,” and inserting “infrastructure*  
16              *repair and renovation, small-scale construction of*  
17              *temporary facilities necessary to meet urgent oper-*  
18              *ational or force protection requirements with a cost*  
19              *less than \$4,000,000.”.*

20              *(2) ADDITIONAL LIMITATIONS AND REQUIRE-*  
21              *MENTS.—Such section 1236 is further amended by*  
22              *adding at the end the following new subsections:*

23              *“(m) LIMITATION ON AGGREGATE COST OF CON-*  
24              *STRUCTION, REPAIR, AND RENOVATION PROJECTS.—The*  
25              *aggregate amount of construction, repair, and renovation*

1 *projects carried out under this section in any fiscal year*  
2 *may not exceed \$30,000,000.*

3       “(n) *APPROVAL AND NOTICE BEFORE CERTAIN CON-*  
4 *STRUCTION, REPAIR, AND RENOVATION PROJECTS.—*

5           “(1) *APPROVAL.—A construction, repair, or ren-*  
6 *ovation project costing more than \$1,000,000 may not*  
7 *be carried out under this section unless approved in*  
8 *advance by the Commander of the United States Cen-*  
9 *tral Command.*

10          “(2) *NOTICE.—When a decision is made to carry*  
11 *out a construction, repair, or renovation project to*  
12 *which paragraph (1) applies, the Commander of the*  
13 *United States Central Command shall notify in writ-*  
14 *ing the appropriate committees of Congress of that de-*  
15 *cision, including the justification for the project and*  
16 *the estimated cost of the project. The project may be*  
17 *carried out only after the end of the 21-day period be-*  
18 *ginning on the date the notification is received by the*  
19 *committees or, if earlier, the end of the 14-day period*  
20 *beginning on the date on which a copy of the notifica-*  
21 *tion is provided in an electronic medium pursuant to*  
22 *section 480 of title 10, United States Code.”.*

23          “(3) *ELEMENT IN QUARTERLY REPORTS ON CON-*  
24 *STRUCTION, REPAIR, AND RENOVATION.—Paragraph*

1       (8) of subsection (d) of such section 1236 is amended  
2       to read as follows:

3               “(8) A list of new projects for construction, re-  
4       pair, or renovation commenced during the period cov-  
5       ered by such progress report, and a list of projects for  
6       construction, repair, or renovation continuing from  
7       the period covered by the preceding progress report.”.

8       (b) FUNDING.—Subsection (g) of such section 1236, as  
9       most recently amended by section 1222 of the National De-  
10      fense Authorization Act for Fiscal Year 2017, is further  
11      amended—

12              (1) by striking “in the National Defense Author-  
13      ization Act for Fiscal Year 2017 for Overseas Contingency  
14      Operations in title XV for fiscal year 2017”  
15      and inserting “for the Department of Defense for  
16      Overseas Contingency Operations for fiscal year  
17      2018”; and

18              (2) by striking “\$630,000,000” and inserting  
19      “\$1,269,000,000”.

20      (c) NAME OF ISLAMIC STATE OR IRAQ AND SYRIA.—

21              (1) IN GENERAL.—Such section 1236 is further  
22      amended—

23                      (A) in subsection (a)(1)—

24                              (i) by striking “the Levant” and in-  
25                              serting “Syria”; and

1                   (ii) by striking “ISIL” each place it  
2                   appears and inserting “ISIS”; and

3                   (B) in subsection (l)—

4                   (i) in paragraph (1)(B)(i), by striking  
5                   “the Levant (ISIL)” and inserting “Syria  
6                   (ISIS)”; and

7                   (ii) in paragraph (2)(A), by striking  
8                   “ISIL” and inserting “ISIS”.

9                   (2) *HEADING AMENDMENT.*—The heading of such  
10                  section 1236 is amended to read as follows:

11               **“SEC. 1236. AUTHORITY TO PROVIDE ASSISTANCE TO**  
12               **COUNTER THE ISLAMIC STATE OF IRAQ AND**  
13               **SYRIA.”.**

14               **SEC. 1232. MODIFICATION OF AUTHORITY TO PROVIDE AS-**  
15               **SISTANCE TO THE VETTED SYRIAN OPPOSI-**  
16               **TION.**

17               (a) *NATURE OF ASSISTANCE.*—Subsection (a) of sec-  
18               tion 1209 of the Carl Levin and Howard P. “Buck”  
19               McKeon National Defense Authorization Act for Fiscal Year  
20               2015 (Public Law 113–291; 128 Stat. 3541), as amended  
21               by section 1221(a) of the National Defense Authorization  
22               Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
23               2485), is further amended in the matter preceding para-  
24               graph (1) by striking “construction of training and associ-  
25               ated facilities” and inserting “construction and repair of

1 *training and associated facilities or other facilities nec-*  
2 *essary to meet urgent military operational requirements of*  
3 *a temporary nature with a cost less than \$4,000,000”.*

4 *(b) SCOPE OF ELEMENT ON CONSTRUCTION PROJECTS*  
5 *IN QUARTERLY PROGRESS REPORTS.—Subsection (d)(9) of*  
6 *such section 1209 is amended by inserting before the semi-*  
7 *colon the following: “, including new construction or repair*  
8 *commenced during the period covered by such progress re-*  
9 *port and construction and repair continuing from the pe-*  
10 *riod covered by the preceding progress report”.*

11 *(c) NOTICE ON NEW INITIATIVES.—*

12 *(1) IN GENERAL.—Subsection (f) of such section*  
13 *1209, as most recently amended by section 1221(b) of*  
14 *the National Defense Authorization Act for Fiscal*  
15 *Year 2017, is further amended to read as follows:*

16 *“(f) NOTICE TO CONGRESS BEFORE INITIATION OF*  
17 *NEW INITIATIVES.—Not later than 30 days before initiating*  
18 *a new initiative under subsection (a), the Secretary of De-*  
19 *fense shall submit to the appropriate congressional commit-*  
20 *tees a notice setting forth the following:*

21 *“(1) The initiative to be carried out, including*  
22 *a detailed description of the assistance provided.*

23 *“(2) The budget, implementation timeline and*  
24 *anticipated delivery schedule for the assistance to*  
25 *which the initiative relates, the military department*

1       *responsible for management and the associated pro-*  
2       *gram executive office, and the completion date for the*  
3       *initiative.*

4               “(3) *The amount, source, and planned expendi-*  
5       *ture of funds to carry out the initiative.*”

6               “(4) *Any financial or other support for the initi-*  
7       *ation provided by foreign governments.*”

8               “(5) *Any other information with respect to the*  
9       *initiative that the Secretary considers appropriate.*”.

10              (2) *EFFECTIVE DATE.*—*The amendment made by*  
11       *paragraph (1) shall take effect on the date of the en-*  
12       *actment of this Act, and shall apply with respect to*  
13       *new initiatives initiated under section 1209 of the*  
14       *Carl Levin and Howard P. “Buck” McKeon National*  
15       *Defense Authorization Act for Fiscal Year 2015 on or*  
16       *after the date that is 30 days after the date of the en-*  
17       *actment of this Act.*

18              (d) *LIMITATION ON AGGREGATE COST OF CONSTRUC-*  
19       *TION AND REPAIR PROJECTS.*—*Such section 1209 is further*  
20       *amended by adding at the end the following new subsection:*

21              “(l) *LIMITATION ON AGGREGATE COST OF CONSTRUC-*  
22       *TION AND REPAIR PROJECTS.*—*The aggregate amount of*  
23       *construction and repair projects carried out under this sec-*  
24       *tion in any fiscal year may not exceed \$10,000,000.*”.

1       (e) *APPROVAL AND NOTICE BEFORE CERTAIN CON-*  
2 *STRUCTION AND REPAIR PROJECTS.*—*Such section 1209 is*  
3 *further amended by adding at the end the following new*  
4 *subsection:*

5       “(m) *APPROVAL AND NOTICE BEFORE CERTAIN CON-*  
6 *STRUCTION AND REPAIR PROJECTS.*—

7           “(1) *APPROVAL.*—*A construction or repair*  
8 *project costing more than \$1,000,000 may not be car-*  
9 *ried out under this section unless approved in ad-*  
10 *vance by the Commander of the United States Central*  
11 *Command.*

12           “(2) *NOTICE.*—*When a decision is made to carry*  
13 *out a construction or repair project to which para-*  
14 *graph (1) applies, the Commander of the United*  
15 *States Central Command shall notify in writing the*  
16 *appropriate committees of Congress of that decision,*  
17 *including the justification for the project and the esti-*  
18 *mated cost of the project. The project may be carried*  
19 *out only after the end of the 21-day period beginning*  
20 *on the date the notification is received by the commit-*  
21 *tees or, if earlier, the end of the 14-day period begin-*  
22 *ning on the date on which a copy of the notification*  
23 *is provided in an electronic medium pursuant to sec-*  
24 *tion 480 of title 10, United States Code.”.*

1 **SEC. 1233. EXTENSION AND MODIFICATION OF AUTHORITY**  
2 **TO SUPPORT OPERATIONS AND ACTIVITIES**  
3 **OF THE OFFICE OF SECURITY COOPERATION**  
4 **IN IRAQ.**

5 (a) *EXTENSION OF AUTHORITY.*—Subsection (f)(1) of  
6 section 1215 of the National Defense Authorization Act for  
7 Fiscal Year 2012 (10 U.S.C. 113 note) is amended by strik-  
8 ing “fiscal year 2017” and inserting “fiscal year 2018”.

9 (b) *AMOUNT AVAILABLE.*—

10 (1) *IN GENERAL.*—Such section is further  
11 amended—

12 (A) in subsection (c), by striking “fiscal  
13 year 2017 may not exceed \$70,000,000” and in-  
14 serting “fiscal year 2018 may not exceed  
15 \$42,000,000”; and

16 (B) in subsection (d), by striking “fiscal  
17 year 2017” and inserting “fiscal year 2018”.

18 (2) *LIMITATION OF USE OF FY18 FUNDS PENDING*  
19 *PLAN.*—Of the amount available for fiscal year 2018  
20 for section 1215 of the National Defense Authorization  
21 Act for Fiscal Year 2012, as amended by this section,  
22 not more than 50 percent may be obligated or ex-  
23 pended until 30 days after the date on which the plan  
24 required by the joint explanatory statement to accom-  
25 pany the conference report on S.2943 of the 114th  
26 Congress, the National Defense Authorization Act for

1     *Fiscal Year 2017, and entitled “to transition the ac-*  
2     *tivities conducted by OSC-I but funded by the De-*  
3     *partment of Defense to another entity or transition*  
4     *the funding of such activities to another source” is*  
5     *provided to the appropriate committees of Congress.*

6     *(c) CLARIFICATION OF OSC-I MANDATE AND EXPAN-*  
7     *SION OF ELIGIBLE RECIPIENTS.—Subsection (f) of such sec-*  
8     *tion is further amended—*

9             *(1) in paragraph (1), by striking “training ac-*  
10            *tivities in support of Iraqi Ministry of Defense and*  
11            *Counter Terrorism Service personnel” and all that*  
12            *follows and inserting “activities to support the fol-*  
13            *lowing:*

14                     *“(A) Defense institution building to miti-*  
15                     *gate capability gaps and promote effective and*  
16                     *sustainable defense institutions.*

17                     *“(B) Professionalization, strategic planning*  
18                     *and reform, financial management, manpower*  
19                     *management, and logistics management of mili-*  
20                     *tary and other security forces of or associated*  
21                     *with the Government of Iraq, including Kurdish*  
22                     *and tribal security forces or other local security*  
23                     *forces with a national security mission, at a base*  
24                     *or facility of the Government of Iraq.”; and*

25             *(2) in paragraph (2)—*

1           (A) *in the heading, by striking “OF TRAIN-*  
2           *ING”*; and

3           (B) *by striking “training” and inserting*  
4           *“activities of the Office of Security Cooperation*  
5           *in Iraq”*.

6 **SEC. 1234. MODIFICATION AND ADDITIONAL ELEMENTS IN**  
7           **ANNUAL REPORT ON THE MILITARY POWER**  
8           **OF IRAN.**

9           (a) *IN GENERAL.*—*Section 1245(b) of the National De-*  
10          *fense Authorization Act for Fiscal Year 2010 (10 U.S.C.*  
11          *113 note) is amended—*

12           (1) *in paragraph (5)—*

13           (A) *by inserting “and from” after “trans-*  
14           *fers to”*;

15           (B) *by striking “from non-Iranian sources”*  
16           *and inserting “from or to non-Iranian sources or*  
17           *destinations”*; and

18           (C) *by inserting before the period at the end*  
19           *the following: “, including transfers that pertain*  
20           *to nuclear development, ballistic missiles, and*  
21           *chemical, biological, and advanced conventional*  
22           *weapons, weapon systems, and delivery vehicles”*;  
23           and

24           (2) *by adding at the end the following new para-*  
25          *graphs:*

1           “(6) *An assessment of the use of civilian trans-*  
2           *portation infrastructure and assets, including sea-*  
3           *ports, airports, and commercial vessels and aircraft,*  
4           *used to transport illicit military cargo to or from*  
5           *Iran, including military personnel, military goods,*  
6           *and related components.*

7           “(7) *An assessment of military-to-military co-*  
8           *operation between Iran and foreign countries, includ-*  
9           *ing Cuba, North Korea, Pakistan, Sudan, Syria, Ven-*  
10           *ezuela, and any other country designated by the Sec-*  
11           *retary of Defense with additional reference to coopera-*  
12           *tion and collaboration on the development of nuclear,*  
13           *biological, chemical, and advanced conventional*  
14           *weapons, weapon systems, and delivery vehicles.”.*

15           **(b) EFFECTIVE DATE.**—*The amendments made by this*  
16           *section shall take effect on the date of the enactment of this*  
17           *Act, and shall apply with respect to reports required to be*  
18           *submitted under section 1245 of the National Defense Au-*  
19           *thorization Act for Fiscal Year 2010 after that date.*

1 ***Subtitle D—Matters Relating to the***  
2 ***Russian Federation***

3 ***SEC. 1241. EXTENSION OF LIMITATION ON MILITARY CO-***  
4 ***OPERATION BETWEEN THE UNITED STATES***  
5 ***AND THE RUSSIAN FEDERATION.***

6 *Section 1232 of the National Defense Authorization*  
7 *Act for Fiscal Year 2017 (Public Law 114–328) is amend-*  
8 *ed—*

9 *(1) in subsection (a)—*

10 *(A) by inserting “or 2018” after “fiscal*  
11 *year 2017”; and*

12 *(B) by inserting “in the fiscal year con-*  
13 *cerned” after “may be used”; and*

14 *(2) in subsection (c), by inserting “with respect*  
15 *to funds for a fiscal year” after “the limitation in*  
16 *subsection (a)”.*

17 ***SEC. 1242. EXTENSION OF LIMITATION ON AVAILABILITY OF***  
18 ***FUNDS RELATING TO ACTIVITIES TO RECOG-***  
19 ***NIZE THE SOVEREIGNTY OF THE RUSSIAN***  
20 ***FEDERATION OVER CRIMEA.***

21 *Section 1234 of the National Defense Authorization*  
22 *Act for Fiscal Year 2017 (Public Law 114–328) is amend-*  
23 *ed—*

24 *(1) in subsection (a), by inserting “or 2018”*  
25 *after “fiscal year 2017”; and*

1           (2) *in subsection (b), by inserting “for a fiscal*  
2           *year” after “expenditure of funds”.*

3   **SEC. 1243. EXTENSION OF UKRAINE SECURITY ASSISTANCE**  
4                           **INITIATIVE.**

5           (a) *EXTENSION.*—*Subsection (h) of section 1250 of the*  
6           *National Defense Authorization Act for Fiscal Year 2016*  
7           *(Public Law 114–92; 129 Stat. 1068), as amended by sec-*  
8           *tion 1237 of the National Defense Authorization Act for Fis-*  
9           *cal Year 2017 (Public Law 114–328; 130 Stat. 2494), is*  
10           *further amended by striking “December 31, 2018” and in-*  
11           *serting “December 31, 2019”.*

12           (b) *FUNDING FOR FISCAL YEAR 2018.*—*Subsection (f)*  
13           *of such section 1250, as added by subsection (a) of such*  
14           *section 1237, is further amended by adding at the end the*  
15           *following new paragraph:*

16                        *“(3) For fiscal year 2018, \$500,000,000.”.*

17           (c) *AVAILABILITY OF FUNDS.*—*Subsection (c) of such*  
18           *section 1250, as amended by subsection (c) of such section*  
19           *1237, is further amended—*

20                        *(1) in paragraph (1), by inserting after “pursu-*  
21                        *ant to subsection (f)(2)” the following: “, or more*  
22                        *than \$250,000,000 of the funds available for fiscal*  
23                        *year 2018 pursuant to subsection (f)(3),”;*

1           (2) *in paragraph (2), by inserting “with respect*  
2 *to the fiscal year concerned” after “is a certification”;*  
3 *and*

4           (3) *in paragraph (3)—*

5                 (A) *by inserting “or 2018” after “in fiscal*  
6 *year 2017”;* *and*

7                 (B) *by striking “in paragraph (2), such*  
8 *funds may be used in that fiscal year” and in-*  
9 *serting “in paragraph (2) with respect to such*  
10 *fiscal year, such funds may be used in such fiscal*  
11 *year”.*

12 **SEC. 1244. EXTENSION OF AUTHORITY ON TRAINING FOR**  
13 **EASTERN EUROPEAN NATIONAL SECURITY**  
14 **FORCES IN THE COURSE OF MULTILATERAL**  
15 **EXERCISES.**

16           (a) *EXTENSION.—Subsection (h) of section 1251 of the*  
17 *National Defense Authorization Act for Fiscal Year 2016*  
18 *(10 U.S.C. 2282 note) is amended—*

19                 (1) *by striking “September 30, 2018” and insert-*  
20 *ing “December 31, 2020”;* *and*

21                 (2) *by striking “fiscal years 2016 through 2018”*  
22 *and inserting “fiscal year 2016 through calendar year*  
23 *2020”.*

24           (b) **TECHNICAL AND CONFORMING AMENDMENTS.—**  
25 *Such section is further amended—*

1           (1) by striking “military” each place it appears  
2           and inserting “security”;

3           (2) in subsection (e), by striking “that” and in-  
4           serting “than”; and

5           (3) in subsection (f), by striking “section 2282”  
6           and inserting “chapter 16”.

7 **SEC. 1245. SECURITY ASSISTANCE FOR BALTIC NATIONS**  
8                                   **FOR JOINT PROGRAM FOR RESILIENCY AND**  
9                                   **DETERRENCE AGAINST AGGRESSION.**

10           (a) *IN GENERAL.*—The Secretary of Defense may, with  
11           the concurrence of the Secretary of State, conduct or support  
12           a joint program of the Baltic nations to improve their resil-  
13           ience against and build their capacity to deter aggression  
14           by the Russian Federation.

15           (b) *JOINT PROGRAM.*—For purposes of subsection (a),  
16           a joint program of the Baltic nations may be either of the  
17           following:

18                   (1) A program jointly agreed by the Baltic na-  
19                   tions that builds interoperability among those coun-  
20                   tries.

21                   (2) An agreement for the joint procurement by  
22                   the Baltic nations of defense articles or services using  
23                   assistance provided pursuant to subsection (a).

24           (c) *PARTICIPATION OF OTHER COUNTRIES.*—Any  
25           country other than a Baltic nation may participate in the

1 *joint program described in subsection (a), but only using*  
2 *funds of such country.*

3 (d) *LIMITATION ON AMOUNT.*—*The total amount of as-*  
4 *sistance provided pursuant to subsection (a) in fiscal year*  
5 *2018 may not exceed \$100,000,000.*

6 (e) *FUNDING.*—*Amounts for assistance provided pur-*  
7 *suant to subsection (a) shall be derived from amounts au-*  
8 *thorized to be appropriated by this Act and available for*  
9 *the European Deterrence Initiative (EDI).*

10 (f) *BALTIC NATIONS DEFINED.*—*In this section, the*  
11 *term “Baltic nations” means the following:*

12 (1) *Estonia.*

13 (2) *Latvia.*

14 (3) *Lithuania.*

15 **SEC. 1246. ANNUAL REPORT ON MILITARY AND SECURITY**  
16 **DEVELOPMENTS INVOLVING THE RUSSIAN**  
17 **FEDERATION.**

18 *Section 1245(b) of the Carl Levin and Howard P.*  
19 *“Buck” McKeon National Defense Authorization Act for*  
20 *Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3566),*  
21 *as most recently amended by section 1235(a) of the National*  
22 *Defense Authorization Act for Fiscal Year 2017 (Public*  
23 *Law 114–328; 130 Stat. 2490), is further amended—*

1           (1) *by redesignating paragraphs (14) through*  
2           *(20) as paragraphs (15) through (21), respectively;*  
3           *and*

4           (2) *by inserting after paragraph (13) the fol-*  
5           *lowing new paragraph (14):*

6           “(14) *An assessment of Russia’s hybrid warfare*  
7           *strategy and capabilities, including—*

8                   “(A) *Russia’s information warfare strategy*  
9                   *and capabilities, including the use of misin-*  
10                   *formation, disinformation, and propaganda in*  
11                   *social and traditional media;*

12                   “(B) *Russia’s financing of political parties,*  
13                   *think tanks, media organizations, and academic*  
14                   *institutions;*

15                   “(C) *Russia’s malicious cyber activities;*

16                   “(D) *Russia’s use of coercive economic tools,*  
17                   *including sanctions, market access, and differen-*  
18                   *tial pricing, especially in energy exports; and*

19                   “(E) *Russia’s use of criminal networks and*  
20                   *corruption to achieve political objectives.”.*

1 **SEC. 1247. ANNUAL REPORT ON ATTEMPTS OF THE RUS-**  
2 **SIAN FEDERATION TO PROVIDE**  
3 **DISINFORMATION AND PROPAGANDA TO**  
4 **MEMBERS OF THE ARMED FORCES BY SOCIAL**  
5 **MEDIA.**

6 (a) *ANNUAL REPORT REQUIRED.*—Not later than  
7 March 31 each year, the Secretary of Defense shall submit  
8 to the congressional defense committees a report on attempts  
9 by the Russian Federation, or any foreign person acting  
10 as an agent of or on behalf of the Russian Federation, dur-  
11 ing the preceding year to knowingly disseminate Russian  
12 Federation-supported disinformation or propaganda,  
13 through social media applications or related Internet-based  
14 means, to members of the Armed Forces with probable in-  
15 tent to cause injury to the United States or advantage the  
16 Government of the Russian Federation.

17 (b) *FORM.*—Each report under this section shall be  
18 submitted in unclassified form, but may include a classified  
19 annex.

20 **SEC. 1248. SUPPORT OF EUROPEAN DETERRENCE INITIA-**  
21 **TIVE TO DETER RUSSIAN AGGRESSION.**

22 (a) *FINDINGS.*—Congress makes the following findings:  
23 (1) *Military exercises, such as Exercise Nifty*  
24 *Nugget and Exercise Reforger during the Cold War,*  
25 *have historically made important contributions to*  
26 *testing operational concepts, technologies, and leader-*

1 *ship approaches; identifying limiting factors in the*  
2 *execution of operational plans and appropriate cor-*  
3 *rective action; and bolstering deterrence against ad-*  
4 *versaries by demonstrating United States military ca-*  
5 *pabilities.*

6 (2) *Military exercises with North Atlantic Treaty*  
7 *Organization (NATO) allies enhance the interoper-*  
8 *ability and strategic credibility of the alliance.*

9 (3) *The increase in conventional, nuclear, and*  
10 *hybrid threats by the Russian Federation against the*  
11 *security interests of the United States and allies in*  
12 *Europe requires substantial and sustained investment*  
13 *to improve United States combat capability in Eu-*  
14 *rope.*

15 (4) *The decline of a permanent United States*  
16 *military presence in Europe in recent years increases*  
17 *the likelihood the United States will rely on being*  
18 *able to flow forces from the continental United States*  
19 *to the European theater in the event of a major con-*  
20 *tingency.*

21 (5) *Senior military leaders, including the Com-*  
22 *mander of United States Transportation Command,*  
23 *have warned that a variety of increasingly advanced*  
24 *capabilities, especially the proliferation of anti-access,*  
25 *area denial (A2/AD) capabilities, have given adver-*

1        *saries of the United States the ability to challenge the*  
2        *freedom of movement of the United States military in*  
3        *all domains from force deployment to employment to*  
4        *disrupt, delay, or deny operations.*

5        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
6        *that, to enhance the European Deterrence Initiative and*  
7        *bolster deterrence against Russian aggression, the United*  
8        *States, together with North Atlantic Treaty Organization*  
9        *allies and other European partners, should demonstrate its*  
10       *resolve and ability to meet its commitments under Article*  
11       *V of the North Atlantic Treaty through appropriate mili-*  
12       *tary exercises with an emphasis on participation of United*  
13       *States forces based in the continental United States and*  
14       *testing strategic and operational logistics and transpor-*  
15       *tation capabilities.*

16       *(c) REPORT.—*

17            *(1) IN GENERAL.—Not later than March 1, 2018,*  
18        *the Secretary of Defense shall submit to the congress-*  
19        *sional defense committees a report setting forth the*  
20        *following:*

21            *(A) An analysis of the challenges to the*  
22        *ability of the United States to flow significant*  
23        *forces from the continental United States to the*  
24        *European theater in the event of a major contin-*  
25        *gency.*

1           (B) *The plans of the Department of Defense,*  
2           *including the conduct of military exercises, to*  
3           *address such challenges.*

4           (2) *FORM.—The report required by paragraph*  
5           *(1) shall be submitted in unclassified form, but may*  
6           *include a classified annex.*

7   **SEC. 1249. SENSE OF CONGRESS ON THE EUROPEAN DETER-**  
8           **RENCE INITIATIVE.**

9           *It is the sense of Congress that—*

10           (1) *the European Deterrence Initiative will bol-*  
11           *ster efforts to deter further Russian aggression by pro-*  
12           *viding resources to—*

13           (A) *train and equip the military forces of*  
14           *North Atlantic Treaty Organization (NATO)*  
15           *and non-North Atlantic Treaty Organization*  
16           *partners in order to improve responsiveness, ex-*  
17           *pand expeditionary capability, and strengthen*  
18           *combat effectiveness across the spectrum of secu-*  
19           *rity environments;*

20           (B) *enhance the indications and warning,*  
21           *interoperability, and logistics capabilities of Al-*  
22           *lied and partner military forces to increase their*  
23           *ability to respond to external aggression, defend*  
24           *sovereignty and territorial integrity, and pre-*  
25           *serve regional stability;*

1           (C) improve the agility and flexibility of  
2           military forces required to address threats across  
3           the full spectrum of domains and effectively oper-  
4           ate in a wide array of coalition operations  
5           across diverse global environments from North  
6           Africa and the Middle East to Eastern Europe  
7           and the Arctic; and

8           (D) mitigate potential gaps forming in the  
9           areas of information warfare, Anti-Access Area  
10          Denial, and force projection;

11          (2) investments that support the security and  
12          stability of Europe, and that assist European nations  
13          in further developing their security capabilities, are  
14          in the long-term vital national security interests of  
15          the United States; and

16          (3) funds for such efforts should be authorized  
17          and appropriated in the base budget of the Depart-  
18          ment of Defense in order to ensure continued and  
19          planned funding to address long-term stability in Eu-  
20          rope, reassure the European allies and partners of the  
21          United States, and deter further Russian aggression.

22 **SEC. 1250. ENHANCEMENT OF UKRAINE SECURITY ASSIST-**  
23 **ANCE INITIATIVE.**

24          Section 1250(b) of National Defense Authorization Act  
25          for Fiscal Year 2016 (Public Law 114–92; 126 Stat. 1068),

1 *as amended by section 1237(b) of the National Defense Au-*  
2 *thorization Act for Fiscal Year 2017 (Public Law 114–328;*  
3 *130 Stat. 2495), is further amended by adding at the end*  
4 *the following new paragraph:*

5           “(12) *Treatment of wounded Ukraine soldiers in*  
6 *the United States in medical treatment facilities*  
7 *through the Secretarial Designee Program, and trans-*  
8 *portation, lodging, meals, and other appropriate non-*  
9 *medical support in connection with such treatment*  
10 *(including incidental expenses in connection with*  
11 *such support).”.*

12 **SEC. 1251. SENSE OF CONGRESS ON THE IMPORTANCE OF**  
13 **THE NORTH ATLANTIC TREATY ORGANIZA-**  
14 **TION INTELLIGENCE FUSION CENTER.**

15 *(a) FINDINGS.—Congress makes the following findings:*

16           (1) *The North Atlantic Treaty Organization*  
17 *(NATO) Intelligence Fusion Center provides a crucial*  
18 *contribution to the North Atlantic Treaty Organiza-*  
19 *tion alliance and the national security of the United*  
20 *States.*

21           (2) *The fast-paced evolution of the security situa-*  
22 *tion throughout Europe and its periphery, as well as*  
23 *a marked increase in conventional, nuclear, and hy-*  
24 *brid threats from the Russian Federation, require op-*  
25 *timized efforts to track and attribute critical threats*

1        *to the security and stability of Europe and United*  
2        *States national security interests.*

3                *(3) The ability of the North Atlantic Treaty Or-*  
4        *ganization Intelligence Fusion Center to leverage stra-*  
5        *tegic intelligence partnerships with the United States*  
6        *and other allies facilitates daily and direct collabora-*  
7        *tion that provides operational advantages and effi-*  
8        *ciencies needed to ensure the rapid and proper re-*  
9        *sponse by the North Atlantic Treaty Organization to*  
10       *Russian aggression in the conventional, nuclear, and*  
11       *hybrid domains.*

12               *(4) The collocation of the North Atlantic Treaty*  
13       *Organization Intelligence Fusion Center with the*  
14       *Joint Intelligence Analysis Complex of the United*  
15       *States European Command facilitates the sharing*  
16       *and fusion of intelligence, contributes to filling intel-*  
17       *ligence gaps within both the North Atlantic Treaty*  
18       *Organization and the United States European Com-*  
19       *mand, and supports a common intelligence picture*  
20       *for the North Atlantic Council, which is essential to*  
21       *establishing political consensus on evaluating, ana-*  
22       *lyzing, and attributing existing and emerging threats.*

23               *(5) The North Atlantic Treaty Organization In-*  
24       *telligence Fusion Center and its collocation with the*  
25       *Joint Intelligence Analysis Complex contribute sig-*

1        *nificantly to providing the North Atlantic Treaty Or-*  
2        *ganization alliance and the United States European*  
3        *Command timely and effective indications and warn-*  
4        *ings of threats emanating from within and around*  
5        *Europe.*

6        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
7        *that the collocation of the North Atlantic Treaty Organiza-*  
8        *tion Intelligence Fusion Center with the Joint Intelligence*  
9        *Analysis Complex of the United States European Command*  
10       *provides the optimal solution to intelligence and oper-*  
11       *ational requirements, while fostering critical diplomatic re-*  
12       *lationships, and is the most efficient configuration of the*  
13       *intelligence enterprise.*

14       ***Subtitle E—Matters Relating to the***  
15       ***Asia-Pacific Region***

16       ***SEC. 1261. ASIA-PACIFIC STABILITY INITIATIVE.***

17       *(a) IN GENERAL.—The Secretary of Defense may*  
18       *carry out a program of activities described in subsection*  
19       *(b) for the purpose of enhancing stability in the Asia-Pa-*  
20       *cific region. The program of activities shall be known as*  
21       *the “Asia-Pacific Stability Initiative”.*

22       *(b) ACTIVITIES.—The activities described in this sub-*  
23       *section are the following:*

1           (1) *Activities to increase the presence and en-*  
2 *hance the posture of the United States Armed Forces*  
3 *in the Asia-Pacific region.*

4           (2) *Bilateral and multilateral military training*  
5 *and exercises with allies and partner nations in the*  
6 *Asia-Pacific region.*

7           (3) *Activities to improve military and defense*  
8 *infrastructure in the Asia-Pacific region in order to*  
9 *enhance the responsiveness and capabilities of the*  
10 *United States Armed Forces in that region.*

11           (4) *Activities to enhance the storage and pre-po-*  
12 *sitioning in the Asia-Pacific region of equipment of*  
13 *the United States Armed Forces.*

14           (5) *Activities to build the defense and security*  
15 *capacity of the United States Armed Forces in the*  
16 *Asia-Pacific region and, using the authorities speci-*  
17 *fied in subsection (c), the defense and security capac-*  
18 *ity of allies and partner nations in that region.*

19           (c) *ACTIVITIES TO BUILD DEFENSE AND SECURITY*  
20 *CAPACITY OF ALLIES AND PARTNER NATIONS.—The activi-*  
21 *ties to build the defense and security capacity of allies and*  
22 *partner nations in the Asia-Pacific region described in sub-*  
23 *section (b)(5) may include activities under the authorities*  
24 *of the Department of Defense as follows:*

1           (1) *Section 2282 of title 10, United States Code,*  
2           *or section 333 of such title (its successor section), re-*  
3           *lating to authority to build the capacity of foreign se-*  
4           *curity forces.*

5           (2) *Section 332 of title 10, United States Code,*  
6           *relating to defense institution capacity building for*  
7           *friendly foreign countries and international and re-*  
8           *gional organizations.*

9           (3) *Section 1263 of the National Defense Author-*  
10          *ization Act for Fiscal Year 2016 (10 U.S.C. 2282*  
11          *note), relating to the Southeast Asia Maritime Secu-*  
12          *rity Initiative.*

13          (4) *Section 1206 of the Carl Levin and Howard*  
14          *P. “Buck” McKeon National Defense Authorization*  
15          *Act for Fiscal Year 2015 (10 U.S.C. 2282 note), relat-*  
16          *ing to training of security forces and associated min-*  
17          *istries of foreign countries to promote respect for the*  
18          *rule of law and human rights.*

19          (5) *Any other authority available to the Sec-*  
20          *retary of Defense for the purpose of building the de-*  
21          *fense and security capacity of allies and partner na-*  
22          *tions in the Asia-Pacific region.*

23          (d) *TRANSFER REQUIREMENTS.—*

24                 (1) *USE OF FUNDS ONLY PURSUANT TO TRANS-*  
25          *FER.—Funds available for the Asia-Pacific Stability*

1     *Initiative may be used for activities described in sub-*  
2     *sections (b) and (c) only pursuant to a transfer of*  
3     *such funds to or among either or both of the following*  
4     *accounts of the Department of Defense:*

5             *(A) Military personnel accounts.*

6             *(B) Operation and maintenance accounts.*

7             (2) *EFFECT ON AUTHORIZATION AMOUNTS.—The*  
8     *transfer of an amount available for the Asia-Pacific*  
9     *Stability Initiative to an account under the authority*  
10    *provided by paragraph (1) in a fiscal year shall be*  
11    *deemed to increase the amount authorized for such ac-*  
12    *count for such fiscal year by an amount equal to the*  
13    *amount transferred.*

14            (3) *CONSTRUCTION WITH OTHER TRANSFER AU-*  
15    *THORITY.—The transfer authority provided by para-*  
16    *graph (1) is in addition to any other transfer author-*  
17    *ity available to the Department of Defense by law.*

18            (e) *NOTIFICATION REQUIREMENTS.—Not later than 15*  
19    *days before that date on which a transfer of funds under*  
20    *subsection (d) takes effect, the Secretary of Defense shall no-*  
21    *tify the Committees on Armed Services of the Senate and*  
22    *the House of Representatives in writing of the transfer.*  
23    *Each notice of a transfer of funds shall include the fol-*  
24    *lowing:*

1           (1) *A detailed description of the project or activ-*  
2           *ity to be supported by the transfer of funds, including*  
3           *any request of the Commander of the United States*  
4           *Pacific Command for support, urgent operational*  
5           *need, or emergent operational need to be satisfied by*  
6           *the project or activity.*

7           (2) *The amount to be transferred and expended*  
8           *on the project or activity.*

9           (3) *A timeline for expenditure of the transferred*  
10          *funds.*

11          (f) *FUNDING.—Amounts for the Asia- Pacific Stability*  
12          *Initiative shall be derived from amounts authorized to be*  
13          *appropriated for fiscal year 2018 for the Department of De-*  
14          *fense for operation and maintenance by section 301 and*  
15          *available for the Asia-Pacific Stability Initiative as speci-*  
16          *fied in the funding table in section 4301.*

17          (g) *DURATION OF TRANSFER AUTHORITY.—The au-*  
18          *thority in subsection (d) to transfer funds expires Sep-*  
19          *tember 30, 2019.*

20          (h) *ASIA-PACIFIC REGION DEFINED.—In this section,*  
21          *the term “Asia-Pacific region” means the region that falls*  
22          *under the responsibility and jurisdiction of United States*  
23          *Pacific Command.*

1 **SEC. 1262. EXPANSION OF MILITARY-TO-MILITARY ENGAGE-**  
2 **MENT WITH THE GOVERNMENT OF BURMA.**

3 *Section 1253(a) of the Carl Levin and Howard P.*  
4 *“Buck” McKeon National Defense Authorization Act for*  
5 *Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3571;*  
6 *22 U.S.C. 2151 note) is amended by adding at the end the*  
7 *following new paragraphs:*

8 *“(6) Courses or workshops to improve the Bur-*  
9 *mese military’s—*

10 *“(A) understanding of regional and global*  
11 *security issues; and*

12 *“(B) ability to adhere to international*  
13 *training standards.*

14 *“(7) Consultation, education, and training on*  
15 *maritime domain awareness.*

16 *“(8) Consultation, education, and training on*  
17 *peacekeeping operations.*

18 *“(9) Courses or workshops on combating illegal*  
19 *trafficking and migration.”.*

20 **SEC. 1263. AGREEMENT SUPPLEMENTAL TO COMPACT OF**  
21 **FREE ASSOCIATION WITH PALAU.**

22 *(a) APPROVAL OF AGREEMENT SUPPLEMENTAL TO*  
23 *COMPACT.—The Compact Review Agreement and appen-*  
24 *dices signed by the United States and the Republic of Palau*  
25 *on September 3, 2010, in connection with section 432 of*  
26 *the Compact of Free Association with Palau (Public Law*

1 99–658; 48 U.S.C. 1931 note), with the funding schedule  
2 therein to be modified by the parties to the Agreement as  
3 necessary and appropriate, are approved (hereinafter the  
4 “Agreement”).

5 (b) *STATUS OF PRIOR YEAR PAYMENTS.*—Amounts  
6 provided to the Government of Palau by the Government  
7 of the United States in fiscal years 2011 through 2017 shall  
8 also be considered as funding to implement the Agreement.

9 (c) *EXTENSION OF EFFECTIVE DATE.*—Section  
10 105(f)(1)(B)(ix) of the Compact of Free Association Amend-  
11 ments Act of 2003 (48 U.S.C. 1921d(f)(1)(B)(ix)) is amend-  
12 ed by striking “2009” and inserting “2024”.

13 **SEC. 1264. WORKFORCE ISSUES FOR RELOCATION OF MA-**  
14 **RINES TO GUAM.**

15 (a) *AMENDMENTS TO THE MILITARY CONSTRUCTION*  
16 *AUTHORIZATION ACT FOR FISCAL YEAR 2009.*—Subsection  
17 2824(c)(6)(D) of the Military Construction Authorization  
18 Act for Fiscal Year 2009 (division B of Public Law 110–  
19 417; 10 U.S.C. 2687 note) is amended—

20 (1) by inserting “and the Secretary of Veterans  
21 Affairs” after “the Secretary of Labor” each place it  
22 appears; and

23 (2) in the last sentence, by striking “determines”  
24 and inserting “determine”.

1       **(b) AMENDMENT TO JOINT RESOLUTION APPROVING**  
2 *THE COVENANT ESTABLISHING COMMONWEALTH OF THE*  
3 *NORTHERN MARIANA ISLANDS.*—Section 6(b) of the Joint  
4 *Resolution entitled “A Joint Resolution to approve the*  
5 *‘Covenant To Establish a Commonwealth of the Northern*  
6 *Mariana Islands in Political Union With the United States*  
7 *of America’, and for other purposes”, approved March 24,*  
8 *1976 (48 U.S.C. 1806(b)) is amended to read as follows:*

9       **“(b) NUMERICAL LIMITATIONS FOR NONIMMIGRANT**  
10 **WORKERS.**—

11           **“(1) IN GENERAL.**—*An alien, if otherwise quali-*  
12 *fied, may, before December 31, 2023, seek admission*  
13 *to Guam as a nonimmigrant worker under section*  
14 *101(a)(15)(H) of the Immigration and Nationality*  
15 *Act (8 U.S.C. 1101(a)(15)(H)) without counting*  
16 *against the numerical limitations set forth in section*  
17 *214(g) of such Act (8 U.S.C. 1184(g)). The numerical*  
18 *limitation of such aliens may not exceed 4,000 for*  
19 *any fiscal year. An alien, if otherwise qualified, may,*  
20 *before December 31, 2023, be admitted under section*  
21 *101(a)(15)(H)(i)(b) of such Act for a period of up to*  
22 *3 years to perform services or labor on Guam pursu-*  
23 *ant to any agreement entered into by a prime con-*  
24 *tractor or subcontractor calling for services or labor*  
25 *required for performance of the contract or sub-*

1 *contract in direct support of all military-funded con-*  
2 *struction, repairs, renovation, and facilities services*  
3 *necessary to enable the Marine Corps realignment in*  
4 *the Pacific, notwithstanding the requirement of such*  
5 *section that the service or labor be temporary. This*  
6 *subsection does not apply to any employment to be*  
7 *performed outside of Guam or the Commonwealth.*

8           “(2) *APPLICABILITY OF CERTAIN REQUIRE-*  
9 *MENTS.—The requirements of section 2824(c) of the*  
10 *Military Construction Act for Fiscal Year 2009 (divi-*  
11 *sion B of Public Law 110–417; 10 U.S.C. note) shall*  
12 *apply to this subsection.”.*

13           “(c) *EFFECTIVE DATE.—The amendment made by sub-*  
14 *section (b) shall take effect on the date that is 120 days*  
15 *after the date of enactment of this Act.*

16 **SEC. 1265. UNITED STATES POLICY WITH RESPECT TO**  
17 **FREEDOM OF NAVIGATION OPERATIONS AND**  
18 **OVERFLIGHT BEYOND THE TERRITORIAL**  
19 **SEAS.**

20           “(a) *FINDINGS.—Congress makes the following findings:*

21           (1) *Since the Declaration of Independence in*  
22 *1776, which was inspired in part as a response to a*  
23 *“tyrant” who “plundered our seas, ravaged our*  
24 *Coasts” and who wrote laws “for cutting off our*  
25 *Trade with all parts of the world”, freedom of seas*

1     *and promotion of international commerce have been*  
2     *core security interests of the United States.*

3             *(2) Article I, section 8 of the Constitution of the*  
4     *United States establishes enumerated powers for Con-*  
5     *gress, which include regulating commerce with foreign*  
6     *nations, punishing piracies and felonies committed on*  
7     *the high seas and offenses against the law of nations,*  
8     *and providing and maintaining a Navy.*

9             *(3) For centuries, the United States has main-*  
10    *tained a commitment to ensuring the right to freedom*  
11    *of navigation for all law-abiding parties in every re-*  
12    *gion of the world.*

13            *(4) In support of international law, the long-*  
14    *standing United States commitment to freedom of*  
15    *navigation and ensuring the free access to sea lanes*  
16    *to promote global commerce remains a core security*  
17    *interest of the United States.*

18            *(5) This is particularly true in areas of the*  
19    *world that are critical transportation corridors and*  
20    *key routes for global commerce, such as the South*  
21    *China Sea and the East China Sea, through which a*  
22    *significant portion of global commerce transits.*

23            *(6) The consistent exercise of freedom of naviga-*  
24    *tion operations and overflights by United States*  
25    *naval and air forces throughout the world plays a*

1       *critical role in safeguarding the freedom of the seas*  
2       *for all lawful nations, supporting international law,*  
3       *and ensuring the continued safe passage and pro-*  
4       *motion of global commerce and trade.*

5       ***(b) DECLARATION OF POLICY.***—*It is the policy of the*  
6       *United States to fly, sail, and operate throughout the*  
7       *oceans, seas, and airspace of the world wherever inter-*  
8       *national law allows.*

9       ***(c) IMPLEMENTATION OF POLICY.***—*In furtherance of*  
10      *the policy set forth in subsection (b), the Secretary of De-*  
11      *fense shall—*

12           ***(1)*** *plan and execute a robust series of routine*  
13           *and regular naval presence missions and freedom of*  
14           *navigation operations (FONOPs) throughout the*  
15           *world, including for critical transportation corridors*  
16           *and key routes for global commerce;*

17           ***(2)*** *execute, in such critical transportation cor-*  
18           *ridors, routine and regular naval presence missions*  
19           *and maritime freedom of navigation operations*  
20           *throughout the year;*

21           ***(3)*** *in addition to the operations executed pursu-*  
22           *ant to paragraph (2), execute routine and regular*  
23           *maritime freedom of navigation operations through-*  
24           *out the year, in accordance with international law,*

1 *including the use of expanded military options and*  
2 *maneuvers beyond innocent passage; and*

3 *(4) to the maximum extent practicable, execute*  
4 *freedom of navigation operations pursuant to this*  
5 *subsection with regional partner countries and allies*  
6 *of the United States.*

7 **SEC. 1266. SENSE OF CONGRESS ON THE IMPORTANCE OF**  
8 **THE RULE OF LAW IN THE SOUTH CHINA SEA.**

9 *It is the sense of Congress that—*

10 *(1) the South China Sea is a vitally important*  
11 *waterway for global commerce and for regional secu-*  
12 *rity, with almost 30 percent of the maritime trade of*  
13 *the world transiting the South China Sea annually;*

14 *(2) the People’s Republic of China is under-*  
15 *mining regional security and prosperity and chal-*  
16 *lenging international rules and norms by engaging in*  
17 *coercive activities and attempting to limit lawful for-*  
18 *ign operations in the South China Sea;*

19 *(3) a tribunal determined “that China had vio-*  
20 *lated the Philippines’ sovereign rights in its exclusive*  
21 *economic zone by (a) interfering with Philippine fish-*  
22 *ing and petroleum exploration, (b) constructing arti-*  
23 *ficial islands and (c) failing to prevent Chinese fish-*  
24 *ermen from fishing in the zone,” and that “Chinese*  
25 *law enforcement vessels had unlawfully created a seri-*

1        *ous risk of collision when they physically obstructed*  
2        *Philippine vessels”;*

3                *(4) the arbitral tribunal award of July 2016*  
4        *stated that there is “no legal basis for China to claim*  
5        *historic rights to resources within the sea areas fall-*  
6        *ing within the nine-dash line”;* and

7                *(5) the United States should play a vital role in*  
8        *securing the South China Sea and ensuring freedom*  
9        *of navigation and overflight for all countries by un-*  
10        *dertaking freedom of navigation operations on a reg-*  
11        *ular and consistent basis, as well as maintaining per-*  
12        *sistent presence operations in the region.*

13        **SEC. 1267. SENSE OF CONGRESS ON THE IMPORTANCE OF**  
14                        **THE RELATIONSHIP BETWEEN THE UNITED**  
15                        **STATES AND JAPAN.**

16        *It is the sense of Congress that—*

17                *(1) the United States and Japan are indispen-*  
18        *sable partners in tackling global challenges, and have*  
19        *pledged significant support for efforts to counter vio-*  
20        *lent extremism (including the threat of the Islamic*  
21        *State), combat the proliferation of weapons of mass*  
22        *destruction, prevent piracy, and assist the victims of*  
23        *conflict and disaster worldwide;*

24                *(2) the security alliance between the United*  
25        *States and Japan has evolved considerably over many*

1       *decades and will continue to transform as a partner-*  
2       *ship, sharing greater responsibilities, dedicated to en-*  
3       *sureing a secure and prosperous Asia-Pacific region*  
4       *and world;*

5             *(3) the alliance between the United States and*  
6       *Japan is essential for ensuring maritime security and*  
7       *freedom of navigation, commerce, and overflight in*  
8       *the waters of the East China Sea;*

9             *(4) Japan, a cornerstone of peace in the Asia-*  
10       *Pacific region, stands as a strong partner of the*  
11       *United States in efforts to uphold respect for the rule*  
12       *of law and to oppose the use of coercion, intimidat-*  
13       *ion, or force to change the regional or global status*  
14       *quo, including in the East China Sea and the South*  
15       *China Sea, which are among the busiest waterways in*  
16       *the world;*

17            *(5) the United States and Japan are committed*  
18       *to working together towards a world in which the*  
19       *Democratic People's Republic of Korea (DPRK) does*  
20       *not threaten global peace and security with its weap-*  
21       *ons of mass destruction and illicit activities, and in*  
22       *which it respects human rights and its people can live*  
23       *in freedom;*

24            *(6) the alliance between the United States and*  
25       *Japan should be strengthened to maintain peace and*

1 *stability in the Asia-Pacific region and beyond, to*  
2 *confront emerging challenges, and to safeguard mari-*  
3 *time security and ensure freedom of navigation, com-*  
4 *merce, and overflight in the East China Sea and the*  
5 *South China Sea;*

6 *(7) although the United States Government does*  
7 *not take a position on sovereignty of the Senkaku Is-*  
8 *lands, the United States acknowledges that the islands*  
9 *are under the administration of Japan and opposes*  
10 *any unilateral actions that would seek to undermine*  
11 *their administration by Japan; and*

12 *(8) the unilateral actions of a third party will*  
13 *not affect the United States acknowledgment of the*  
14 *administration of Japan over the Senkaku Islands,*  
15 *and the United States remains committed under the*  
16 *Treaty of Mutual Cooperation and Security with*  
17 *Japan to respond to any armed attack in the terri-*  
18 *tories under the administration of Japan.*

19 **SEC. 1268. SENSE OF CONGRESS ON THE IMPORTANCE OF**  
20 **THE UNITED STATES ALLIANCE WITH THE RE-**  
21 **PUBLIC OF KOREA.**

22 *(a) FINDINGS.—Congress makes the following findings:*

23 *(1) The Government of North Korea has repeat-*  
24 *edly violated its commitments to the complete,*

1        *verifiable, and irreversible dismantlement of its nu-*  
2        *clear weapons programs.*

3            (2) *Based on its past actions, including the*  
4        *transfer of sensitive nuclear and missile technology to*  
5        *state sponsors of terrorism, North Korea poses a grave*  
6        *risk for the proliferation of nuclear weapons and*  
7        *other weapons of mass destruction.*

8            (3) *North Korea has—*

9            (A) *unilaterally withdrawn from the Ko-*  
10        *rean War Armistice Agreement, done at Pan-*  
11        *munjom, Korea, July 27, 1953; and*

12            (B) *committed provocations against South*  
13        *Korea—*

14            (i) *by sinking the warship Cheonan*  
15        *and killing 46 of her crew on March 26,*  
16        *2010;*

17            (ii) *by shelling Yeonpyeong Island and*  
18        *killing 4 South Korea civilians on Novem-*  
19        *ber 23, 2010; and*

20            (iii) *by its involvement in the*  
21        *“DarkSeoul” cyberattacks against the fi-*  
22        *nancial and communications interests of the*  
23        *Republic of Korea on March 20, 2013.*

1           (4) *North Korea maintains a system of brutal*  
2 *political prison camps that contain as many as*  
3 *200,000 men, women, and children, who are—*

4           (A) *kept in atrocious living conditions with*  
5 *insufficient food, clothing, and medical care; and*

6           (B) *under constant fear of rape, torture, or*  
7 *arbitrary execution.*

8           (5) *The Government of North Korea has provided*  
9 *technical support and conducted destructive and coer-*  
10 *cive cyberattacks including against Sony Pictures*  
11 *Entertainment and other United States persons.*

12           (6) *The conduct of the Government of North*  
13 *Korea poses an imminent threat to—*

14           (A) *the security of the United States and its*  
15 *allies;*

16           (B) *the global economy;*

17           (C) *the safety of members of the United*  
18 *States Armed Forces;*

19           (D) *the integrity of the global financial sys-*  
20 *tem;*

21           (E) *the integrity of global nonproliferation*  
22 *programs; and*

23           (F) *the people of North Korea.*

1       **(b) SENSE OF CONGRESS.**—*It is the sense of Congress*  
2 *that, in order to achieve the peaceful disarmament of North*  
3 *Korea, the United States should—*

4           (1) *reaffirm the commitment of the United States*  
5 *to defending our allies in the region, including*  
6 *through the deployment of a Terminal High Altitude*  
7 *Area Defense (THAAD) battery to the Republic of*  
8 *Korea, and the commitment to provide extended deter-*  
9 *rence, guaranteed by the full spectrum of United*  
10 *States defense capabilities, including conventional ca-*  
11 *pabilities, missile defense, and the nuclear umbrella;*

12           (2) *support ongoing efforts to strengthen the alli-*  
13 *ance between the United States and the Republic of*  
14 *Korea alliance, to protect the 28,500 members of the*  
15 *United States Armed Forces stationed on the Korean*  
16 *Peninsula, and to defend the alliance against any*  
17 *and all provocations committed by the North Korea*  
18 *regime; and*

19           (3) *support efforts to deepen trilateral coordina-*  
20 *tion and cooperation between the United States, the*  
21 *Republic of Korea, and Japan, to address the grave*  
22 *and growing threat of the ballistic missiles and nu-*  
23 *clear weapons programs of North Korea.*

1 **SEC. 1269. SENSE OF CONGRESS ON EXTENDED DETER-**  
2 **RENCE FOR THE KOREAN PENINSULA AND**  
3 **JAPAN.**

4 *It is the sense of Congress that—*

5 *(1) the nuclear and missile program of North*  
6 *Korea is one of the most dangerous national security*  
7 *threats facing the United States today; and*

8 *(2) given the threat posed by North Korea to our*  
9 *allies, the Republic of Korea and Japan, the Nuclear*  
10 *Posture Review that will occur this year should fully*  
11 *consider the perspectives of key allies and partners of*  
12 *the United States in East Asia, including the Repub-*  
13 *lic of Korea and Japan.*

14 **SEC. 1270. DEFENSE PARTNERSHIP BETWEEN THE UNITED**  
15 **STATES AND TAIWAN.**

16 *(a) SENSE OF CONGRESS.—It is the sense of Congress*  
17 *that United States should strengthen and enhance its long-*  
18 *standing partnership and strategic cooperation with Tai-*  
19 *wan, and reinforce its commitment to the Taiwan Relations*  
20 *Act and the “Six Assurances” as both countries work to-*  
21 *ward mutual security objectives, by—*

22 *(1) conducting regular transfers of defense arti-*  
23 *cles and defense services necessary to enable Taiwan*  
24 *to secure common interests and objectives with the*  
25 *United States, based solely on the needs of Taiwan;*

1           (2) *assisting Taiwan in building an effective air*  
2 *defense capability consisting of a balance of fighters*  
3 *and mobile air defense systems; and*

4           (3) *inviting Taiwan to participate in multilat-*  
5 *eral training activities hosted by the United States*  
6 *that increase the credible deterrent capabilities of Tai-*  
7 *wan.*

8           (b) *REPORT ON NAVAL PORT OF CALL EXCHANGES*  
9 *BETWEEN THE UNITED STATES AND TAIWAN.—*

10           (1) *REPORT REQUIRED.—Not later than Sep-*  
11 *tember 1, 2018, the Secretary of Defense shall submit*  
12 *to the appropriate committees of Congress a report on*  
13 *the following:*

14                   (A) *An assessment and planning regarding*  
15 *ports of call by the United States Navy at*  
16 *Kaohsiung, or any other suitable port or ports*  
17 *on the island of Taiwan.*

18                   (B) *An assessment of the feasibility and ad-*  
19 *visability of permitting the United States Pacific*  
20 *Command (PACOM) to receive ports of call by*  
21 *the navy of Taiwan in Hawaii, Guam, and*  
22 *other appropriate locations.*

23           (2) *FORM.—The report required by paragraph*  
24 *(1) shall be submitted in unclassified form, but may*  
25 *include a classified annex.*

1           (3) *APPROPRIATE COMMITTEES OF CONGRESS*  
2     *DEFINED.—In this subsection, the term “appropriate*  
3     *committees of Congress” means—*

4           (A) *the Committee on Armed Services and*  
5     *the Committee on Foreign Relations of the Sen-*  
6     *ate; and*

7           (B) *the Committee on Armed Services and*  
8     *the Committee on Foreign Affairs of the House*  
9     *of Representatives.*

10 **SEC. 1270A. NAVAL PORT OF CALL EXCHANGES BETWEEN**  
11           **THE UNITED STATES AND TAIWAN.**

12     *The Secretary of Defense shall—*

13           (1) *reestablish regular ports of call by the United*  
14     *States Navy at Kaohsiung or any other suitable port*  
15     *or ports on the island of Taiwan; and*

16           (2) *permit the United States Pacific Command*  
17     *(PACOM) to receive ports of call by the navy of Tai-*  
18     *wan in Hawaii, Guam, and other appropriate loca-*  
19     *tions.*

20 **SEC. 1270B. PROGRAM TO ENHANCE THE UNDERSEA WAR-**  
21           **FARE CAPABILITIES OF TAIWAN.**

22     *The Secretary of Defense shall implement a program*  
23     *of technical assistance and consultation to support the ef-*  
24     *forts of Taiwan to develop indigenous undersea warfare ca-*

1 *pabilities, including vehicles and sea mines, for its military*  
2 *forces.*

3 **SEC. 1270C. INVITATION OF TAIWAN MILITARY FORCES TO**  
4 **PARTICIPATE IN JOINT MILITARY EXERCISES.**

5 *The Secretary of Defense shall invite the military*  
6 *forces of Taiwan to participate in one of the military exer-*  
7 *cises known as the “Red Flag” exercises, conducted at*  
8 *Eielson Air Force Base, Alaska, and Nellis Air Force Base,*  
9 *Nevada, that are conducted during the one-year period be-*  
10 *ginning on the date of the enactment of this Act.*

11 **SEC. 1270D. REPORT ON MILITARY EXCHANGES BETWEEN**  
12 **SENIOR OFFICERS AND OFFICIALS OF THE**  
13 **UNITED STATES AND TAIWAN.**

14 *Not later than April 1, 2018, the Secretary of Defense*  
15 *shall submit to the congressional defense committees a re-*  
16 *port that includes the following:*

17 *(1) A list of actions taken to implement the rec-*  
18 *ommendations contained in section 1284 of the Na-*  
19 *tional Defense Authorization Act for Fiscal Year 2017*  
20 *(Public Law 114–328; 130 Stat. 2544).*

21 *(2) A description of future plans to implement*  
22 *the recommendations contained in section 1284 of the*  
23 *National Defense Authorization Act for Fiscal Year*  
24 *2017.*

1           (3) *If no actions have been taken to implement*  
2           *the recommendations contained in section 1284 of the*  
3           *National Defense Authorization Act for Fiscal Year*  
4           *2017 or there are no future plans to implement the*  
5           *recommendations, the reasons why.*

6                            ***Subtitle F—Reports***

7   ***SEC. 1271. SUBMITTAL OF DEPARTMENT OF DEFENSE SUP-***  
8                            ***PLEMENTAL AND COST OF WAR EXECUTION***  
9                            ***REPORTS ON QUARTERLY BASIS.***

10           *Subsection (c) of section 1212 of the National Defense*  
11           *Authorization Act for Fiscal Year 2006 (10 U.S.C. 113*  
12           *note) is amended to read as follows:*

13           “*(c) QUARTERLY SUBMITTAL TO CONGRESS AND GAO*  
14           *OF CERTAIN REPORTS ON COSTS.—Not later than 45 days*  
15           *after the end of each fiscal year quarter, the Secretary of*  
16           *Defense shall submit to the congressional defense committees*  
17           *and the Comptroller General of the United States the De-*  
18           *partment of Defense Supplemental and Cost of War Execu-*  
19           *tion report for such fiscal year quarter.”*

1 **SEC. 1272. CONSOLIDATION OF REPORTS ON UNITED**  
2 **STATES ARMED FORCES, CIVILIAN EMPLOY-**  
3 **EES, AND CONTRACTORS DEPLOYED IN SUP-**  
4 **POR OF OPERATION INHERENT RESOLVE**  
5 **AND OPERATION FREEDOM'S SENTINEL.**

6 (a) *REPORTS REQUIRED.*—Not later than 30 days  
7 after the date of the enactment of this Act, and every 90  
8 days thereafter, the Secretary of Defense shall submit to the  
9 congressional defense committees a report on United States  
10 Armed Forces, Department of Defense civilian employees,  
11 and Department of Defense contractor employees deployed  
12 in support of Operation Inherent Resolve and Operation  
13 Freedom's Sentinel.

14 (b) *ELEMENTS.*—Each report under subsection (a)  
15 shall include the following:

16 (1) *The total number of members of the United*  
17 *States Armed Forces, set forth by Armed Force and*  
18 *component (whether regular, National Guard, or Re-*  
19 *serve), Department of Defense civilian employees, and*  
20 *Department of Defense contractor employees deployed*  
21 *in support of Operation Inherent Resolve and Oper-*  
22 *ation Freedom's Sentinel for the most recent month*  
23 *for which data is available.*

24 (2) *An estimate for the 3-month period following*  
25 *the date on which the report is submitted of the total*  
26 *number of members of the United States Armed*

1 *Forces, set forth by Armed Force and component*  
2 *(whether regular, National Guard, or Reserve), De-*  
3 *partment civilian employees, and Department con-*  
4 *tractor employees to be deployed in support of Oper-*  
5 *ation Inherent Resolve and Operation Freedom's Sen-*  
6 *tinel.*

7 (3) *A description of any limitations on the num-*  
8 *ber of United States Armed Forces, Department civil-*  
9 *ian employees, and Department contractor employees*  
10 *deployed in support of Operation Inherent Resolve*  
11 *and Operation Freedom's Sentinel.*

12 (4) *A description of military functions that are*  
13 *and are not subject to the limitations described in*  
14 *paragraph (3).*

15 (5) *The total number of members of the United*  
16 *States Armed Forces, set forth by Armed Force and*  
17 *component (whether regular, National Guard, or Re-*  
18 *serve), Department civilian employees, and Depart-*  
19 *ment contractor employees deployed in support of Op-*  
20 *eration Inherent Resolve or Operation Freedom's Sen-*  
21 *tinel that are not subject to the limitations described*  
22 *in paragraph (3) for the most recent month for which*  
23 *data is available.*

24 (6) *Any changes to the limitations described in*  
25 *paragraph (3), and the rationale for such changes.*

1           (7) *Any other matters the Secretary considers*  
2           *appropriate.*

3           (c) *FORM.—If any report under subsection (a) is sub-*  
4           *mitted in classified form, such report shall be accompanied*  
5           *by an unclassified summary that includes, at a minimum,*  
6           *the information required by subsection (b)(1).*

7           (d) *SUNSET.—The requirement to submit reports*  
8           *under this section shall terminate on the earlier of—*

9                   (1) *the date on which Operation Inherent Resolve*  
10            *and Operation Freedom’s Sentinel terminate, which-*  
11            *ever is later; or*

12                   (2) *the date that is five years after the date of*  
13            *the enactment of this Act.*

14           (e) *REPEAL OF SUPERSEDED PROVISION.—Section*  
15            *1224 of the National Defense Authorization Act for Fiscal*  
16            *Year 2016 (Public Law 114–92; 129 Stat. 1053) is repealed.*

## 17            ***Subtitle G—Other Matters***

### 18            ***SEC. 1281. MODIFICATION OF AVAILABILITY OF FUNDS IN*** 19                    ***SPECIAL DEFENSE ACQUISITION FUND FOR*** 20                    ***PRECISION GUIDED MUNITIONS.***

21           (a) *IN GENERAL.—Section 114(c)(3) of title 10,*  
22            *United States Code, is amended—*

23                   (1) *by striking “amount available” and all that*  
24            *follows through “\$500,000,000” and inserting*  
25            *“amount of obligation authority available from the*

1 *Special Defense Acquisition Fund in any fiscal year*  
2 *after fiscal year 2017, 20 percent”; and*

3 (2) *by inserting after “precision guided muni-*  
4 *tions” the following: “, and associated support equip-*  
5 *ment and services,”.*

6 (b) *EFFECTIVE DATE.*—*The amendments made by sub-*  
7 *section (a) shall take effect on October 1, 2017.*

8 **SEC. 1282. USE OF FUNDS IN THE UNITED STATES FOR CER-**  
9 **TAIN UNITED STATES-ISRAEL ANTI-TUNNEL**  
10 **COOPERATION ACTIVITIES.**

11 (a) *IN GENERAL.*—*Section 1279(b) of the National De-*  
12 *fense Authorization Act for Fiscal Year 2016 (22 U.S.C.*  
13 *8606(b)) is amended by adding at the end the following new*  
14 *paragraph:*

15 “(5) *USE OF CERTAIN AMOUNT FOR RDT&E IN*  
16 *US.*—*Of the amount provided by the United States in*  
17 *support under paragraph (1), not less than 50 percent*  
18 *of such amount shall be used for research, develop-*  
19 *ment, test, and evaluation activities in the United*  
20 *States in connection with such support.”.*

21 (b) *REPEAL OF SUPERSEDED LIMITATION.*—*Section*  
22 *1295 of the National Defense Authorization Act for Fiscal*  
23 *Year 2017 (Public Law 114–328; 130 Stat. 2562) is amend-*  
24 *ed by striking subsection (c).*

1 **SEC. 1283. FOREIGN MILITARY SALES LETTERS OF REQUEST**  
2 **FOR PRICING AND AVAILABILITY.**

3 *Before delivering a formal pricing and availability re-*  
4 *sponse to a foreign customer with respect to a foreign mili-*  
5 *tary sale, the Department of Defense implementing agency*  
6 *shall consult with relevant United States commercial enti-*  
7 *ties that would be involved in the foreign military sale case.*  
8 *If as a result of such consultation a commercial entity de-*  
9 *termines that the pricing and availability factors being de-*  
10 *veloped by the implementing agency are not accurate, the*  
11 *implementing agency and the commercial entity shall each*  
12 *provide a justification with respect to the differences to the*  
13 *Defense Security Cooperation Agency within 30 days of the*  
14 *implementing agency being notified of such discrepancy.*

15 **SEC. 1284. SENSE OF CONGRESS ON REAFFIRMING STRA-**  
16 **TEGIC PARTNERSHIPS AND ALLIES.**

17 (a) *FINDINGS.*—Congress makes the following findings:

18 (1) *Since World War II, the United States has*  
19 *sought partnership and cooperation in establishing a*  
20 *rules-based international order which has resulted in*  
21 *one of the most prosperous periods of human history.*

22 (2) *The United States is signatory to seven mu-*  
23 *tual defense treaties with 56 different countries.*

24 (3) *One of the United States defense alliances is*  
25 *the 29-nation-strong North Atlantic Treaty Organiza-*

1        *tion (NATO) which is celebrating its 68th anniver-*  
2        *sary.*

3            *(4) The United States has not faced a more di-*  
4        *verse and complex array of crises and threats, includ-*  
5        *ing the emergence of competitors like Russia and*  
6        *China, increasingly unstable threats from North*  
7        *Korea and Iran, and the continued threat from*  
8        *transnational violent extremist groups like the Is-*  
9        *lamic State and al-Qaeda.*

10           *(5) The strain of a decreased military budget has*  
11        *decreased capability at precisely the time when de-*  
12        *mand for United States military strength has in-*  
13        *creased.*

14           *(6) Fifteen years of continuous war has stymied*  
15        *military modernization, focused training on asym-*  
16        *metrical warfare over large-scale conflicts.*

17           *(7) Secretary of Defense James Mattis stated*  
18        *that “alliances provide avenues for peace, fostering*  
19        *the conditions for economic growth with countries*  
20        *that share the same vision, while tempering the plans*  
21        *of those who would attack other nations or try to im-*  
22        *pose their will over the less powerful”.*

23        *(b) SENSE OF CONGRESS.—It is the sense of Congress*  
24        *that—*

1           (1) *the United States is an ally rich nation and*  
2 *our potential competitors—such as Russia, China,*  
3 *and North Korea—are ally poor;*

4           (2) *United States allies and partners are critical*  
5 *to defending peace and prosperity throughout the*  
6 *world;*

7           (3) *the rules-based international order supported*  
8 *by the United States and its allies has ensured—and*  
9 *will continue to promote—an international system*  
10 *that benefits all nations;*

11           (4) *throughout the world, the United States will*  
12 *continue to foster relationships with nations of like*  
13 *minds and beliefs;*

14           (5) *as the United States manages multiple stra-*  
15 *tegic challenges, our enduring strength remains in al-*  
16 *liances such as the North Atlantic Treaty Organiza-*  
17 *tion; and*

18           (6) *the United States will continue to deepen al-*  
19 *liances and expand them, and will take no ally for*  
20 *granted.*

21 **SEC. 1285. SENSE OF CONGRESS ON CONSIDERATION OF IM-**  
22 **PACT OF MARINE DEBRIS IN TRADE AGREE-**  
23 **MENTS.**

24           *Recognizing that the Senate unanimously agreed to S.*  
25 *756, an Act to reauthorize and amend the Marine Debris*

1 *Act to promote international action to reduce marine de-*  
2 *bris, and for other purposes (commonly referred to as the*  
3 *“Save Our Seas Act of 2017”)* on August 3, 2017, Congress  
4 *encourages the United States Trade Representative to con-*  
5 *sider the impact of marine debris, particularly plastic*  
6 *waste, in relevant trade agreements entered into or nego-*  
7 *tiated after the date of the enactment of this Act.*

8           **TITLE XIII—COOPERATIVE**  
9           **THREAT REDUCTION**

10 **SEC. 1301. SPECIFICATION OF COOPERATIVE THREAT RE-**  
11 **DUCTION FUNDS.**

12           (a) *FISCAL YEAR 2018 COOPERATIVE THREAT REDUC-*  
13 *TION FUNDS DEFINED.*—*In this title, the term “fiscal year*  
14 *2018 Cooperative Threat Reduction funds” means the funds*  
15 *appropriated pursuant to the authorization of appropria-*  
16 *tions in section 301 and made available by the funding*  
17 *table in section 4301 for the Department of Defense Cooper-*  
18 *ative Threat Reduction Program established under section*  
19 *1321 of the Department of Defense Cooperative Threat Re-*  
20 *duction Act (50 U.S.C. 3711).*

21           (b) *AVAILABILITY OF FUNDS.*—*Funds appropriated*  
22 *pursuant to the authorization of appropriations in section*  
23 *301 and made available by the funding table in section*  
24 *4301 for the Department of Defense Cooperative Threat Re-*

1 *duction Program shall be available for obligation for fiscal*  
2 *years 2018, 2019, and 2020.*

3 **SEC. 1302. FUNDING ALLOCATIONS.**

4 *Of the \$324,600,000 authorized to be appropriated to*  
5 *the Department of Defense for fiscal year 2018 in section*  
6 *301 and made available by the funding table in section*  
7 *4301 for the Department of Defense Cooperative Threat Re-*  
8 *duction Program established under section 1321 of the De-*  
9 *partment of Defense Cooperative Threat Reduction Act (50*  
10 *U.S.C. 3711), the following amounts may be obligated for*  
11 *the purposes specified:*

12 *(1) For strategic offensive arms elimination,*  
13 *\$12,100,000.*

14 *(2) For chemical weapons destruction,*  
15 *\$5,000,000.*

16 *(3) For global nuclear security, \$17,900,000.*

17 *(4) For cooperative biological engagement,*  
18 *\$172,800,000.*

19 *(5) For proliferation prevention, \$89,800,000.*

20 *(6) For activities designated as Other Assess-*  
21 *ments/Administrative Costs, \$27,000,000.*

1                   **TITLE XIV—OTHER**  
2                   **AUTHORIZATIONS**  
3                   ***Subtitle A—Military Programs***

4 **SEC. 1401. WORKING CAPITAL FUNDS.**

5           *Funds are hereby authorized to be appropriated for fis-*  
6 *cal year 2018 for the use of the Armed Forces and other*  
7 *activities and agencies of the Department of Defense for*  
8 *providing capital for working capital and revolving funds,*  
9 *as specified in the funding table in section 4501.*

10 **SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRUC-**  
11                   **TION, DEFENSE.**

12           *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
13 *hereby authorized to be appropriated for the Department*  
14 *of Defense for fiscal year 2018 for expenses, not otherwise*  
15 *provided for, for Chemical Agents and Munitions Destruc-*  
16 *tion, Defense, as specified in the funding table in section*  
17 *4501.*

18           *(b) USE.—Amounts authorized to be appropriated*  
19 *under subsection (a) are authorized for—*

20                   *(1) the destruction of lethal chemical agents and*  
21 *munitions in accordance with section 1412 of the De-*  
22 *partment of Defense Authorization Act, 1986 (50*  
23 *U.S.C. 1521); and*

1           (2) *the destruction of chemical warfare materiel*  
2           *of the United States that is not covered by section*  
3           *1412 of such Act.*

4 **SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
5           **TIVITIES, DEFENSE-WIDE.**

6           *Funds are hereby authorized to be appropriated for the*  
7           *Department of Defense for fiscal year 2018 for expenses, not*  
8           *otherwise provided for, for Drug Interdiction and Counter-*  
9           *Drug Activities, Defense-wide, as specified in the funding*  
10          *table in section 4501.*

11 **SEC. 1404. DEFENSE INSPECTOR GENERAL.**

12          *Funds are hereby authorized to be appropriated for the*  
13          *Department of Defense for fiscal year 2018 for expenses, not*  
14          *otherwise provided for, for the Office of the Inspector Gen-*  
15          *eral of the Department of Defense, as specified in the fund-*  
16          *ing table in section 4501.*

17 **SEC. 1405. DEFENSE HEALTH PROGRAM.**

18          *Funds are hereby authorized to be appropriated for fis-*  
19          *cal year 2018 for the Defense Health Program, as specified*  
20          *in the funding table in section 4501, for use of the Armed*  
21          *Forces and other activities and agencies of the Department*  
22          *of Defense in providing for the health of eligible bene-*  
23          *ficiaries.*

1           **Subtitle B—National Defense**  
2                           **Stockpile**

3 **SEC. 1411. AUTHORITY TO DISPOSE OF CERTAIN MATE-**  
4                           **RIALS FROM AND TO ACQUIRE ADDITIONAL**  
5                           **MATERIALS FOR THE NATIONAL DEFENSE**  
6                           **STOCKPILE.**

7           (a) *DISPOSAL AUTHORITY.*—Pursuant to section 5(b)  
8 *of the Strategic and Critical Materials Stock Piling Act (50*  
9 *U.S.C. 98d(b)), the National Defense Stockpile Manager*  
10 *may dispose of not more than 25 short tons of materials*  
11 *transferred from another department or agency of the*  
12 *United States to the National Defense Stockpile under sec-*  
13 *tion 4(b) of such Act (50 U.S.C. 98c(b)) that the National*  
14 *Defense Stockpile Manager determines is no longer required*  
15 *from the stockpile.*

16           (b) *ACQUISITION AUTHORITY.*—

17                   (1) *AUTHORITY.*—Using funds available in the  
18 *National Defense Stockpile Transaction Fund, the*  
19 *National Defense Stockpile Manager may acquire the*  
20 *following materials determined to be strategic and*  
21 *critical materials required to meet the defense, indus-*  
22 *trial, and essential civilian needs of the United*  
23 *States:*

24                           (A) *Electrolytic manganese metal.*

25                           (B) *Antimony.*

1           (2) *AMOUNT OF AUTHORITY.*—*The National De-*  
2 *fense Stockpile Manager may use up to \$9,000,000 in*  
3 *the National Defense Stockpile Transaction Fund for*  
4 *acquisition of the materials specified in paragraph*  
5 *(1).*

6           (3) *FISCAL YEAR LIMITATION.*—*The authority*  
7 *under paragraph (1) is available for purchases dur-*  
8 *ing fiscal year 2018 through fiscal year 2027.*

9                           ***Subtitle C—Chemical***  
10                          ***Demilitarization Matters***

11 ***SEC. 1421. ACQUISITION REPORTING ON MAJOR CHEMICAL***  
12                           ***DEMILITARIZATION PROGRAMS OF THE DE-***  
13                           ***PARTMENT OF DEFENSE.***

14           (a) *REPORTING ON MAJOR PROGRAMS.*—*Acquisition*  
15 *reporting on each major program within the chemical de-*  
16 *militarization programs of the Department of Defense, in-*  
17 *cluding construction in connection with such program,*  
18 *shall—*

19                   (1) *comply with reporting guidelines for an Ac-*  
20 *quisition Category 1 (ACAT 1) system; and*

21                   (2) *be reported separately from acquisition re-*  
22 *porting on the other major program within the chem-*  
23 *ical demilitarization programs of the Department of*  
24 *Defense.*

1       (b) *MAJOR PROGRAM WITHIN THE CHEMICAL DEMILI-*  
2 *TARIZATION PROGRAMS OF THE DEPARTMENT OF DEFENSE*  
3 *DEFINED.—In this section, the term “major program with-*  
4 *in the chemical demilitarization programs of the Depart-*  
5 *ment of Defense” means each program as follows:*

6           (1) *Pueblo Chemical Agent Destruction Pilot*  
7 *Plant program, Colorado.*

8           (2) *Blue Grass Chemical Agent Destruction Pilot*  
9 *Plant program, Kentucky.*

10                   ***Subtitle D—Armed Forces***  
11                   ***Retirement Home***

12 ***SEC. 1431. AUTHORIZATION OF APPROPRIATIONS FOR***  
13 ***ARMED FORCES RETIREMENT HOME.***

14       *There is hereby authorized to be appropriated for fiscal*  
15 *year 2018 from the Armed Forces Retirement Home Trust*  
16 *Fund the sum of \$64,300,000 for the operation of the Armed*  
17 *Forces Retirement Home.*

18 ***SEC. 1432. ARMED FORCES RETIREMENT HOME MATTERS.***

19       (a) *TERMINATION OF OVERSIGHT RESPONSIBILITIES*  
20 *OF UNDER SECRETARY OF DEFENSE FOR PERSONNEL AND*  
21 *READINESS.—*

22           (1) *SENIOR MEDICAL ADVISOR.—Section 1513A*  
23 *of the Armed Forces Retirement Home Act of 1991*  
24 *(24 U.S.C. 413a) is amended—*

1           (A) in subsection (b), by striking “the  
2           Under Secretary of Defense for Personnel and  
3           Readiness,” in the matter preceding paragraph  
4           (1); and

5           (B) in subsection (c)(4), by striking “the  
6           Under Secretary of Defense for Personnel and  
7           Readiness” and inserting “the Secretary of De-  
8           fense”.

9           (2) OMBUDSMEN.—Section 1517(e)(2) of such  
10          Act (24 U.S.C. 417(e)(2)) is amended by striking “the  
11          Under Secretary of Defense for Personnel and Readi-  
12          ness” and inserting “the Secretary of Defense”.

13          (3) INSPECTIONS.—Section 1518 of such Act (24  
14          U.S.C. 418) is amended—

15               (A) in subsection (c)(1), by striking “the  
16               Under Secretary of Defense for Personnel and  
17               Readiness,”; and

18               (B) in subsection (e)(1), by striking “the  
19               Under Secretary of Defense for Personnel and  
20               Readiness” and inserting “the Secretary of De-  
21               fense”.

22          (b) ADVISORY COUNCIL.—Section 1516 of such Act (24  
23          U.S.C. 416) is amended—

1           (1) *in subsection (c)(1), by striking “15 mem-*  
 2 *bers,” and all that follows and inserting “15 mem-*  
 3 *bers.”; and*

4           (2) *in subsection (f)(1), by striking “shall” and*  
 5 *inserting “may”.*

6           (c) *ADMINISTRATORS.—Section 1517(b) of such Act*  
 7 *(24 U.S.C. 417(b)) is amended—*

8           (1) *in paragraph (2), by striking “and” at the*  
 9 *end;*

10          (2) *in paragraph (3), by striking the period at*  
 11 *the end and inserting “; and”; and*

12          (3) *by adding at the end the following new para-*  
 13 *graph:*

14           “*(4) serve at the pleasure of the Secretary of De-*  
 15 *fense.”.*

## 16           ***Subtitle E—Other Matters***

### 17   ***SEC. 1441. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT*** 18           ***DEPARTMENT OF DEFENSE-DEPARTMENT OF*** 19           ***VETERANS AFFAIRS MEDICAL FACILITY DEM-*** 20           ***ONSTRATION FUND FOR CAPTAIN JAMES A.*** 21           ***LOVELL HEALTH CARE CENTER, ILLINOIS.***

22          (a) *AUTHORITY FOR TRANSFER OF FUNDS.—Of the*  
 23 *funds authorized to be appropriated by section 1405 and*  
 24 *available for the Defense Health Program for operation and*  
 25 *maintenance, \$115,500,000 may be transferred by the Sec-*

1 *retary of Defense to the Joint Department of Defense–De-*  
2 *partment of Veterans Affairs Medical Facility Demonstra-*  
3 *tion Fund established by subsection (a)(1) of section 1704*  
4 *of the National Defense Authorization Act for Fiscal Year*  
5 *2010 (Public Law 111–84; 123 Stat. 2571). For purposes*  
6 *of subsection (a)(2) of such section 1704, any funds so*  
7 *transferred shall be treated as amounts authorized and ap-*  
8 *propriated specifically for the purpose of such a transfer.*

9       **(b) USE OF TRANSFERRED FUNDS.**—*For the purposes*  
10 *of subsection (b) of such section 1704, facility operations*  
11 *for which funds transferred under subsection (a) may be*  
12 *used are operations of the Captain James A. Lovell Federal*  
13 *Health Care Center, consisting of the North Chicago Vet-*  
14 *erans Affairs Medical Center, the Navy Ambulatory Care*  
15 *Center, and supporting facilities designated as a combined*  
16 *Federal medical facility under an operational agreement*  
17 *covered by section 706 of the Duncan Hunter National De-*  
18 *fense Authorization Act for Fiscal Year 2009 (Public Law*  
19 *110–417; 122 Stat. 4500).*

20 **SEC. 1442. ENHANCEMENT OF DATABASE OF EMERGENCY**  
21 **RESPONSE CAPABILITIES OF THE DEPART-**  
22 **MENT OF DEFENSE.**

23       **(a) IN GENERAL.**—*Section 1406 of the John Warner*  
24 *National Defense Authorization Act for Fiscal Year 2007*

1 *(Public Law 109–364; 120 Stat. 2436; 10 U.S.C. 113 note)*

2 *is amended—*

3 *(1) by striking “The Secretary of Defense shall*  
4 *maintain” and inserting the following:*

5 *“(a) IN GENERAL.—The Secretary of Defense shall es-*  
6 *tablish and maintain”; and*

7 *(2) in paragraph (2)—*

8 *(A) by inserting “(including cyber capabili-*  
9 *ties)” after “emergency response capabilities”;*  
10 *and*

11 *(B) by inserting “(including units of the*  
12 *National Guard and Reserves)” after “identifica-*  
13 *tion of the units”.*

14 *(b) INFORMATION REQUIRED TO KEEP DATABASE*  
15 *CURRENT.—Such section is further amended by adding at*  
16 *the end the following new subsection:*

17 *“(b) INFORMATION REQUIRED TO KEEP DATABASE*  
18 *CURRENT.—In implementing and maintaining the data-*  
19 *base required by subsection (a), the Secretary shall identify*  
20 *and revise the information required to be included in the*  
21 *database at least once every two years for purposes of keep-*  
22 *ing the database current.”.*

1 **TITLE XV—AUTHORIZATION OF**  
2 **ADDITIONAL APPROPRIA-**  
3 **TIONS FOR OVERSEAS CON-**  
4 **TINGENCY OPERATIONS**  
5 ***Subtitle A—Authorization of***  
6 ***Appropriations***

7 **SEC. 1501. PURPOSE.**

8 *The purpose of this subtitle is to authorize appropria-*  
9 *tions for the Department of Defense for fiscal year 2018*  
10 *to provide additional funds for overseas contingency oper-*  
11 *ations being carried out by the Armed Forces.*

12 **SEC. 1502. OVERSEAS CONTINGENCY OPERATIONS.**

13 *Funds are hereby authorized to be appropriated for fis-*  
14 *cal year 2018 for the Department of Defense for overseas*  
15 *contingency operations in such amounts as may be des-*  
16 *ignated as provided in section 251(b)(2)(A)(ii) of the Bal-*  
17 *anced Budget and Emergency Deficit Control Act of 1985.*

18 **SEC. 1503. PROCUREMENT.**

19 *Funds are hereby authorized to be appropriated for fis-*  
20 *cal year 2018 for procurement accounts for the Army, the*  
21 *Navy and the Marine Corps, the Air Force, and Defense-*  
22 *wide activities, as specified in the funding table in section*  
23 *4102.*

1 **SEC. 1504. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
2 **TION.**

3 *Funds are hereby authorized to be appropriated for fis-*  
4 *cal year 2018 for the use of the Department of Defense for*  
5 *research, development, test, and evaluation, as specified in*  
6 *the funding table in section 4202.*

7 **SEC. 1505. OPERATION AND MAINTENANCE.**

8 *Funds are hereby authorized to be appropriated for fis-*  
9 *cal year 2018 for the use of the Armed Forces and other*  
10 *activities and agencies of the Department of Defense for ex-*  
11 *penses, not otherwise provided for, for operation and main-*  
12 *tenance, as specified in the funding table in section 4302.*

13 **SEC. 1506. MILITARY PERSONNEL.**

14 *Funds are hereby authorized to be appropriated for fis-*  
15 *cal year 2018 for the use of the Armed Forces and other*  
16 *activities and agencies of the Department of Defense for ex-*  
17 *penses, not otherwise provided for, for military personnel,*  
18 *as specified in the funding table in section 4402.*

19 **SEC. 1507. WORKING CAPITAL FUNDS.**

20 *Funds are hereby authorized to be appropriated for fis-*  
21 *cal year 2018 for the use of the Armed Forces and other*  
22 *activities and agencies of the Department of Defense for*  
23 *providing capital for working capital and revolving funds,*  
24 *as specified in the funding table in section 4502.*

1 **SEC. 1508. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
2 **TIVITIES, DEFENSE-WIDE.**

3 *Funds are hereby authorized to be appropriated for the*  
4 *Department of Defense for fiscal year 2018 for expenses, not*  
5 *otherwise provided for, for Drug Interdiction and Counter-*  
6 *Drug Activities, Defense-wide, as specified in the funding*  
7 *table in section 4502.*

8 **SEC. 1509. DEFENSE INSPECTOR GENERAL.**

9 *Funds are hereby authorized to be appropriated for the*  
10 *Department of Defense for fiscal year 2018 for expenses, not*  
11 *otherwise provided for, for the Office of the Inspector Gen-*  
12 *eral of the Department of Defense, as specified in the fund-*  
13 *ing table in section 4502.*

14 **SEC. 1510. DEFENSE HEALTH PROGRAM.**

15 *Funds are hereby authorized to be appropriated for the*  
16 *Department of Defense for fiscal year 2018 for expenses, not*  
17 *otherwise provided for, for the Defense Health Program, as*  
18 *specified in the funding table in section 4502.*

19 ***Subtitle B—Financial Matters***

20 **SEC. 1521. TREATMENT AS ADDITIONAL AUTHORIZATIONS.**

21 *The amounts authorized to be appropriated by this*  
22 *title are in addition to amounts otherwise authorized to be*  
23 *appropriated by this Act.*

24 **SEC. 1522. SPECIAL TRANSFER AUTHORITY.**

25 *(a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—*

1           (1) *AUTHORITY.*—Upon determination by the  
2           Secretary of Defense that such action is necessary in  
3           the national interest, the Secretary may transfer  
4           amounts of authorizations made available to the De-  
5           partment of Defense in this title for fiscal year 2018  
6           between any such authorizations for that fiscal year  
7           (or any subdivisions thereof). Amounts of authoriza-  
8           tions so transferred shall be merged with and be  
9           available for the same purposes as the authorization  
10          to which transferred.

11          (2) *LIMITATION.*—The total amount of author-  
12          izations that the Secretary may transfer under the  
13          authority of this subsection may not exceed  
14          \$3,500,000,000.

15          (b) *TERMS AND CONDITIONS.*—Transfers under this  
16          section shall be subject to the same terms and conditions  
17          as transfers under section 1001.

18          (c) *ADDITIONAL AUTHORITY.*—The transfer authority  
19          provided by this section is in addition to the transfer au-  
20          thority provided under section 1001.

## 21                   **Subtitle C—Other Matters**

### 22   **SEC. 1531. AFGHANISTAN SECURITY FORCES FUND.**

23          (a) *CONTINUATION OF PRIOR AUTHORITIES AND NO-*  
24          *TICE AND REPORTING REQUIREMENTS.*—Funds available  
25          to the Department of Defense for the Afghanistan Security

1 *Forces Fund for fiscal year 2018 shall be subject to the con-*  
2 *ditions contained in subsections (b) through (g) of section*  
3 *1513 of the National Defense Authorization Act for Fiscal*  
4 *Year 2008 (Public Law 110–181; 122 Stat. 428), as amend-*  
5 *ed by section 1531(b) of the Ike Skelton National Defense*  
6 *Authorization Act for Fiscal Year 2011 (Public Law 111–*  
7 *383; 124 Stat. 4424).*

8 *(b) EQUIPMENT DISPOSITION.—*

9 *(1) ACCEPTANCE OF CERTAIN EQUIPMENT.—Sub-*  
10 *ject to paragraph (2), the Secretary of Defense may*  
11 *accept equipment that is procured using amounts in*  
12 *the Afghanistan Security Forces Fund authorized*  
13 *under this Act and is intended for transfer to the se-*  
14 *curity forces of Afghanistan, but is not accepted by*  
15 *such security forces.*

16 *(2) CONDITIONS ON ACCEPTANCE OF EQUIP-*  
17 *MENT.—Before accepting any equipment under the*  
18 *authority provided by paragraph (1), the Commander*  
19 *of United States forces in Afghanistan shall make a*  
20 *determination that the equipment was procured for*  
21 *the purpose of meeting requirements of the security*  
22 *forces of Afghanistan, as agreed to by both the Gov-*  
23 *ernment of Afghanistan and the United States, but is*  
24 *no longer required by such security forces or was*  
25 *damaged before transfer to such security forces.*

1           (3) *ELEMENTS OF DETERMINATION.*—*In making*  
2 *a determination under paragraph (2) regarding*  
3 *equipment, the Commander of United States forces in*  
4 *Afghanistan shall consider alternatives to Secretary of*  
5 *Defense acceptance of the equipment. An explanation*  
6 *of each determination, including the basis for the de-*  
7 *termination and the alternatives considered, shall be*  
8 *included in the relevant quarterly report required*  
9 *under paragraph (5).*

10           (4) *TREATMENT AS DEPARTMENT OF DEFENSE*  
11 *STOCKS.*—*Equipment accepted under the authority*  
12 *provided by paragraph (1) may be treated as stocks*  
13 *of the Department of Defense upon notification to the*  
14 *congressional defense committees of such treatment.*

15           (5) *QUARTERLY REPORTS ON EQUIPMENT DIS-*  
16 *POSITION.*—

17           (A) *IN GENERAL.*—*Not later than 90 days*  
18 *after the date of the enactment of this Act and*  
19 *every 90-day period thereafter during which the*  
20 *authority provided by paragraph (1) is exer-*  
21 *cised, the Secretary of Defense shall submit to the*  
22 *congressional defense committees a report de-*  
23 *scribing the equipment accepted during the pe-*  
24 *riod covered by such report under the following:*

25           (i) *This subsection.*

1                   (ii) *Section 1521(b) of the National*  
2                   *Defense Authorization Act for Fiscal Year*  
3                   *2017 (Public Law 114–328; 130 Stat.*  
4                   *2575).*

5                   (iii) *Section 1531(b) of the National*  
6                   *Defense Authorization Act for Fiscal Year*  
7                   *2016 (Public Law 114–92; 129 Stat. 1088).*

8                   (iv) *Section 1532(b) of the Carl Levin*  
9                   *and Howard P. “Buck” McKeon National*  
10                  *Defense Authorization Act for Fiscal Year*  
11                  *2015 (Public Law 113–291; 128 Stat.*  
12                  *3613).*

13                  (v) *Section 1531(d) of the National De-*  
14                  *fense Authorization Act for Fiscal Year*  
15                  *2014 (Public Law 113–66; 127 Stat. 938;*  
16                  *10 U.S.C. 2302 note).*

17                  (B) *ELEMENTS.—Each report under sub-*  
18                  *paragraph (A) shall include a list of all equip-*  
19                  *ment that was accepted during the period cov-*  
20                  *ered by the report and treated as stocks of the*  
21                  *Department of Defense and copies of the deter-*  
22                  *minations made under paragraph (2), as re-*  
23                  *quired by paragraph (3).*

24                  (c) *SECURITY OF AFGHAN WOMEN.—*

1           (1) *IN GENERAL.*—*Of the funds available to the*  
2 *Department of Defense for the Afghan Security Forces*  
3 *Fund for fiscal year 2018, it is the goal that*  
4 *\$25,000,000, but in no event less than \$10,000,000,*  
5 *shall be used for—*

6           (A) *the recruitment, integration, retention,*  
7 *training, and treatment of women in the Afghan*  
8 *National Defense and Security Forces; and*

9           (B) *the recruitment, training, and con-*  
10 *tracting of female security personnel for future*  
11 *elections.*

12           (2) *TYPES OF PROGRAMS AND ACTIVITIES.*—*Such*  
13 *programs and activities may include—*

14           (A) *efforts to recruit women into the Afghan*  
15 *National Defense and Security Forces, including*  
16 *the special operations forces;*

17           (B) *programs and activities of the Afghan*  
18 *Ministry of Defense Directorate of Human*  
19 *Rights and Gender Integration and the Afghan*  
20 *Ministry of Interior Office of Human Rights,*  
21 *Gender and Child Rights;*

22           (C) *development and dissemination of gen-*  
23 *der and human rights educational and training*  
24 *materials and programs within the Afghan Min-*

1 *istry of Defense and the Afghan Ministry of Inte-*  
2 *rior;*

3 *(D) efforts to address harassment and vio-*  
4 *lence against women within the Afghan National*  
5 *Defense and Security Forces;*

6 *(E) improvements to infrastructure that ad-*  
7 *dress the requirements of women serving in the*  
8 *Afghan National Defense and Security Forces,*  
9 *including appropriate equipment for female se-*  
10 *curity and police forces, and transportation for*  
11 *policewomen to their station;*

12 *(F) support for Afghanistan National Police*  
13 *Family Response Units; and*

14 *(G) security provisions for high-profile fe-*  
15 *male police and army officers.*

16 *(d) INSPECTOR GENERAL OVERSIGHT OF FUND.—*

17 *(1) QUALITY STANDARDS FOR IG PRODUCTS.—*  
18 *Except as provided in paragraph (3), each product*  
19 *published or issued by an Inspector General relating*  
20 *to the oversight of programs and activities funded*  
21 *under the Afghanistan Security Forces Fund shall be*  
22 *prepared—*

23 *(A) in accordance with the Generally Ac-*  
24 *cepted Government Auditing Standards/Govern-*  
25 *ment Auditing Standards (GAGAS/GAS), as*

1           *issued and updated by the Government Account-*  
2           *ability Office; or*

3           *(B) if not prepared in accordance with the*  
4           *standards referred to in subparagraph (A), in*  
5           *accordance with the Quality Standards for In-*  
6           *spection and Evaluation issued by the Council of*  
7           *the Inspectors General on Integrity and Effi-*  
8           *ciency (commonly referred to as the “CIGIE*  
9           *Blue Book”).*

10           (2) *SPECIFICATION OF QUALITY STANDARDS FOL-*  
11           *LOWED.—Each product published or issued by an In-*  
12           *pector General relating to the oversight of programs*  
13           *and activities funded under the Afghanistan Security*  
14           *Forces Fund shall cite within such product the qual-*  
15           *ity standards followed in conducting and reporting*  
16           *the work concerned.*

17           (3) *WAIVER.—The Lead Inspector General for*  
18           *Operation Freedom’s Sentinel may waive the applica-*  
19           *bility of paragraph (1) to a specific product relating*  
20           *to the oversight by an Inspector General of activities*  
21           *and programs funded under the Afghanistan Security*  
22           *Forces Fund if the Lead Inspector General determines*  
23           *that the waiver would facilitate timely efforts to pro-*  
24           *mote efficiency and effectiveness and prevent, detect,*  
25           *and deter fraud, waste, and abuse. Any product pub-*

1        *lished or issued pursuant to a waiver under this*  
2        *paragraph shall include a statement that work for*  
3        *such product was not conducted in accordance with*  
4        *the standards referred to in paragraph (1) and an ex-*  
5        *planation why such standards were not employed.*

6        **TITLE XVI—STRATEGIC PRO-**  
7        **GRAMS, CYBER, AND INTEL-**  
8        **LIGENCE MATTERS**

9        **Subtitle A—Space Activities**

10        **SEC. 1601. AIR FORCE SPACE COMMAND.**

11        *(a) IN GENERAL.—Chapter 135 of title 10, United*  
12        *States Code, is amended by adding at the end the following*  
13        *new section:*

14        **“§ 2279c. Air Force Space Command**

15        *“(a) IN GENERAL.—The head of the Air Force Space*  
16        *Command shall be the Commander of the Air Force Space*  
17        *Command, who shall be appointed in accordance with sec-*  
18        *tion 601 of this title.*

19        *“(b) TERM.—The Commander shall be appointed to*  
20        *serve a term of six years, and the Secretary of Defense*  
21        *may—*

22                *“(1) terminate, or propose to extend for a period*  
23        *of four years, the term of the appointment of the Com-*  
24        *mander; or*

1           “(2) propose to promote the individual serving  
2           as the Commander during that term of appoint-  
3           ment.”.

4           **(b) CLERICAL AMENDMENT.**—*The table of sections for*  
5 *such chapter is amended by inserting after the item relating*  
6 *to section 2279b the following new item:*

*“2279c. Air Force Space Command.”.*

7 **SEC. 1602. AIR FORCE SPACE CONTRACTOR RESPONSIB-**  
8 **BILITY WATCH LIST.**

9           **(a) IN GENERAL.**—*The Commander of the Air Force*  
10 *Space and Missile Systems Center shall establish and main-*  
11 *tain a watch list of contractors with a history of poor per-*  
12 *formance on space procurement or research, development,*  
13 *test, and evaluation program contracts.*

14           **(b) BASIS FOR INCLUSION ON LIST.**—

15           **(1) IN GENERAL.**—*The Commander of the Air*  
16 *Force Space and Missile Systems Center may place a*  
17 *contractor on the watch list established under sub-*  
18 *section (a) upon determining that the ability of the*  
19 *contractor to perform Air Force space contracts has*  
20 *been called into question by any of the following*  
21 *issues:*

22                   **(A) Poor performance or award fee scores**  
23                   *below 50 percent.*

24                   **(B) Financial concerns.**

25                   **(C) Felony convictions or civil judgements.**

1                   (D) *Security or foreign ownership and con-*  
2                   *trol issues.*

3                   (2) *DISCRETION OF THE COMMANDER.—The*  
4                   *Commander of the Air Force Space and Missile Sys-*  
5                   *tems Center shall be responsible for determining*  
6                   *which contractors to place on the watch list, whether*  
7                   *an entire company or a specific division should be in-*  
8                   *cluded, and when to remove a contractor from the list.*

9                   (c) *EFFECT OF LISTING.—*

10                  (1) *PRIME CONTRACTS.—The Air Force Space*  
11                  *and Missile Systems Center may not solicit an offer*  
12                  *from, award a contract to, execute an engineering*  
13                  *change proposal with, or exercise an option on any*  
14                  *Air Force space program with a contractor included*  
15                  *on the list established under subsection (a) without*  
16                  *the prior approval of the Commander of the Air Force*  
17                  *Space and Missile Systems Center.*

18                  (2) *SUBCONTRACTS.—A prime contractor on a*  
19                  *Air Force Space and Missile Systems Center contract*  
20                  *may not enter into a subcontract valued in excess of*  
21                  *\$3,000,000 or 5 percent of the prime contract value*  
22                  *with a contractor included on the watch list estab-*  
23                  *lished under subsection (a) without the prior approval*  
24                  *of the Commander of the Air Force Space and Missile*  
25                  *Systems Center.*

1       (d) *REQUEST FOR REMOVAL FROM LIST.*—A con-  
2 tractor may submit to the Commander a written request  
3 for removal from the watch list, including evidence that the  
4 contractor has resolved the issue that was the basis for in-  
5 clusion on the list.

6       (e) *RULE OF CONSTRUCTION.*—Nothing in this section  
7 shall be construed as preventing the suspension or debar-  
8 ment of a contractor, but inclusion on the watch list shall  
9 not be construed as a punitive measure or de facto suspen-  
10 sion or debarment of a contractor.

11 **SEC. 1603. PRESIDENTIAL NATIONAL VOICE CONFER-**  
12 **ENCING SYSTEM.**

13       (a) *CONSOLIDATION OF ELEMENTS.*—Not later than  
14 one year after the date of the enactment of this Act, all pro-  
15 gram elements and funding for the Presidential National  
16 Voice Conferencing System (PNVC) shall be transferred to  
17 the Program Executive Office with responsibility for the  
18 Presidential National Voice Conferencing System.

19       (b) *ACQUISITION REPORTING.*—Commencing not later  
20 than one year after the date of the enactment of this Act,  
21 any reporting on the acquisition of the Presidential Na-  
22 tional Voice Conferencing System shall comply with report-  
23 ing guidelines for an Acquisition Category 1 (ACAT 1) sys-  
24 tem.

1 **SEC. 1604. LIMITATION ON USE OF FUNDS FOR DELTA IV**  
2 **LAUNCH VEHICLE.**

3 *None of the funds authorized to be appropriated by this*  
4 *Act or otherwise made available for fiscal year 2018 or any*  
5 *fiscal year thereafter for the Air Force may be obligated*  
6 *to maintain infrastructure, system engineering, critical*  
7 *skills, base and range support, depreciation, or sustainment*  
8 *commodities for the Delta IV launch vehicle until the date*  
9 *on which the Secretary of the Air Force submits to the con-*  
10 *gressional defense committees a certification that the Air*  
11 *Force plans to launch a satellite procured by the Air Force*  
12 *on a Delta IV launch vehicle during the 3-year period be-*  
13 *ginning on the date of the certification.*

14 **SEC. 1605. POLICY OF THE UNITED STATES WITH RESPECT**  
15 **TO CLASSIFICATION OF SPACE AS A COMBAT**  
16 **DOMAIN.**

17 *(a) IN GENERAL.—It is the policy of the United States*  
18 *to develop, produce, field, and maintain an integrated sys-*  
19 *tem of assets in response to the increasingly contested na-*  
20 *ture of the space operating domain to—*

21 *(1) ensure the resiliency of capabilities at every*  
22 *level of orbit in space;*

23 *(2) deter or deny an attack on capabilities at*  
24 *every level of orbit in space; and*

1           (3) *defend the territory of the United States, its*  
2           *allies, and its deployed forces across all operating do-*  
3           *mains.*

4           (b) *IMPLEMENTATION.—The United States shall im-*  
5           *plement the policy set forth in subsection (a)—*

6                 (1) *in accordance with the laws of the United*  
7                 *States and the obligations of the United States under*  
8                 *international agreements; and*

9                 (2) *with appropriate consultation, cooperation,*  
10                *and coproduction of assets with allies and partners of*  
11                *the United States.*

12   **SEC. 1606. LAUNCH SUPPORT AND INFRASTRUCTURE MOD-**  
13                **ERNIZATION.**

14           (a) *IN GENERAL.—In support of the policy outlined*  
15           *in section 2273 of title 10, United States Code, the Sec-*  
16           *retary of Defense shall carry out a program to modernize*  
17           *infrastructure and improve support activities for processing*  
18           *and launch of United States national security space vehicles*  
19           *launching from Federal ranges.*

20           (b) *ELEMENTS.—The program required by this section*  
21           *shall include—*

22                 (1) *investments in infrastructure to improve op-*  
23                 *erations at the Eastern and Western Ranges that may*  
24                 *benefit all users, to enhance the overall capabilities of*

1 *ranges, to improve safety, and to reduce the long term*  
2 *cost of operations and maintenance;*

3 *(2) measures to normalize processes, systems,*  
4 *and products across the Eastern and Western ranges*  
5 *to minimize the burden on launch providers; and*

6 *(3) improvements in transparency, flexibility,*  
7 *and, responsiveness for launch scheduling.*

8 *(c) CONSULTATION.—In carrying out this program,*  
9 *the Secretary should consult with current and anticipated*  
10 *users of the Eastern and Western ranges.*

11 *(d) COOPERATION.—In carrying out this section, the*  
12 *Secretary should consider partnerships authorized under*  
13 *section 2276 of title 10, United States Code.*

14 *(e) REPORT.—*

15 *(1) REPORT REQUIRED.—Not later than 120*  
16 *days after the date of the enactment of this Act, the*  
17 *Secretary shall submit to the congressional defense*  
18 *committees a report on the plan for the implementa-*  
19 *tion of the launch support and infrastructure mod-*  
20 *ernization program.*

21 *(2) ELEMENTS.—The report required under*  
22 *paragraph (1) shall include—*

23 *(A) a description of plans and the resources*  
24 *needed to improve launch support infrastructure,*

1            *utilities, support equipment, and range oper-*  
2            *ations;*

3            *(B) a description of plans to streamline and*  
4            *normalize processes, systems, and products at the*  
5            *Eastern and Western ranges, to ensure consist-*  
6            *ency for range users; and*

7            *(C) recommendations for improving trans-*  
8            *parency, flexibility, and responsiveness in launch*  
9            *scheduling.*

10            ***Subtitle B—Defense Intelligence***  
11            ***and Intelligence-Related Activities***

12            ***SEC. 1611. EXTENSION OF AUTHORITY TO ENGAGE IN COM-***  
13            ***MERCIAL ACTIVITIES AS SECURITY FOR IN-***  
14            ***TELLIGENCE COLLECTION ACTIVITIES.***

15            *The second sentence of section 431(a) of title 10,*  
16            *United States Code, is amended by striking “December 31,*  
17            *2017” and inserting “December 31, 2020”.*

1 **SEC. 1612. CONSIDERATION OF SERVICE BY RECIPIENTS OF**  
2 **BOREN SCHOLARSHIPS AND FELLOWSHIPS IN**  
3 **EXCEPTED SERVICE POSITIONS AS SERVICE**  
4 **BY SUCH RECIPIENTS UNDER CAREER AP-**  
5 **POINTMENTS FOR PURPOSES OF CAREER**  
6 **TENURE.**

7 *Section 802(k) of the David L. Boren National Secu-*  
8 *rity Education Act of 1991 (50 U.S.C. 1902(k)) is amend-*  
9 *ed—*

10 *(1) by redesignating paragraph (3) as para-*  
11 *graph (4);*

12 *(2) in paragraph (2), in the matter before sub-*  
13 *paragraph (A), by striking “(3)(C)” and inserting*  
14 *“(4)(C)”;* and

15 *(3) by inserting after paragraph (2) the fol-*  
16 *lowing:*

17 *“(3) CAREER TENURE.—In the case of an indi-*  
18 *vidual whose appointment to a position in the ex-*  
19 *cepted service is converted to a career or career- con-*  
20 *ditional appointment under paragraph (1)(B), the*  
21 *period of service described in such paragraph shall be*  
22 *treated, for purposes of the service requirements for*  
23 *career tenure under title 5, United States Code, as if*  
24 *it were service in a position under a career or career-*  
25 *conditional appointment.”.*

1           **Subtitle C—Cyber Warfare,**  
2           **Cybersecurity, and Related Matters**

3           **SEC. 1621. POLICY OF THE UNITED STATES ON CYBER-**  
4                           **SPACE, CYBERSECURITY, AND CYBER WAR-**  
5                           **FARE.**

6           (a) *IN GENERAL.*—*It shall be the policy of the United*  
7           *States, with respect to matters pertaining to cyberspace, cy-*  
8           *bersecurity, and cyber warfare, that the United States*  
9           *should employ all instruments of national power, including*  
10           *the use of offensive cyber capabilities, to deter if possible,*  
11           *and respond when necessary, to any and all cyber attacks*  
12           *or other malicious cyber activities that target United States*  
13           *interests with the intent to—*

14                   (1) *cause casualties among United States persons*  
15                   *or persons of our allies;*

16                   (2) *significantly disrupt the normal functioning*  
17                   *of United States democratic society or government*  
18                   *(including attacks against critical infrastructure that*  
19                   *could damage systems used to provide key services to*  
20                   *the public or government);*

21                   (3) *threaten the command and control of the*  
22                   *United States Armed Forces, the freedom of maneuver*  
23                   *of the United States Armed Forces, or the industrial*  
24                   *base or other infrastructure on which the United*

1       *States Armed Forces rely to defend United States in-*  
2       *terests and commitments; or*

3               *(4) achieve an effect, whether individually or in*  
4       *aggregate, comparable to an armed attack or imperil*  
5       *a vital interest of the United States.*

6       *(b) RESPONSE OPTIONS.—In carrying out the policy*  
7       *set forth in subsection (a), the United States shall plan, de-*  
8       *velop, and demonstrate response options to address the full*  
9       *range of potential cyber attacks on United States interests*  
10       *that could be conducted by potential adversaries of the*  
11       *United States.*

12       *(c) DENIAL OPTIONS.—In carrying out the policy set*  
13       *forth in subsection (a) through response options developed*  
14       *pursuant to subsection (b), the United States shall, to the*  
15       *greatest extent practicable, prioritize the defensibility and*  
16       *resiliency against cyber attacks and malicious cyber activi-*  
17       *ties described in subsection (a) of infrastructure critical to*  
18       *the political integrity, economic security, and national se-*  
19       *curity of the United States.*

20       *(d) COST-IMPOSITION OPTIONS.—In carrying out the*  
21       *policy set forth in subsection (a) through response options*  
22       *developed pursuant to subsection (b), the United States shall*  
23       *develop and demonstrate, or otherwise make known to ad-*  
24       *versaries of the existence of, cyber capabilities to impose*  
25       *costs on any foreign power targeting the United States or*

1 *United States persons with a cyber attack or malicious*  
2 *cyber activity described in subsection (a).*

3 (e) *MULTI-PRONG RESPONSE.*—*In carrying out the*  
4 *policy set forth in subsection (a) through response options*  
5 *developed pursuant to subsection (b), the United States*  
6 *shall—*

7 (1) *devote immediate and sustained attention to*  
8 *boosting the cyber resilience of critical United States*  
9 *strike systems (including cyber, nuclear, and non-nu-*  
10 *clear systems) in order to ensure the United States*  
11 *can credibly threaten to impose unacceptable costs in*  
12 *response to even the most sophisticated large-scale*  
13 *cyber attack;*

14 (2) *develop offensive cyber capabilities and spe-*  
15 *cific plans and strategies to put at risk targets most*  
16 *valued by adversaries of the United States and their*  
17 *key decision makers;*

18 (3) *enhance attribution capabilities to reduce the*  
19 *time required to positively attribute an attack with*  
20 *high confidence; and*

21 (4) *develop intelligence and offensive cyber capa-*  
22 *bilities to detect, disrupt, and potentially expose mali-*  
23 *cious cyber activities.*

24 (f) *POLICIES RELATING TO OFFENSIVE CYBER CAPA-*  
25 *BILITIES AND SOVEREIGNTY.*—*It is the policy of the United*

1 *States that, when a cyber attack or malicious cyber activity*  
2 *transits or otherwise relies upon the networks or infrastruc-*  
3 *ture of a third country—*

4           (1) *the United States shall, to the greatest extent*  
5 *practicable, notify and encourage the government of*  
6 *that country to take action to eliminate the threat;*  
7 *and*

8           (2) *if the government is unable or unwilling to*  
9 *take action, the United States reserves the right to act*  
10 *unilaterally (with the consent of that government if*  
11 *possible, but without such consent if necessary).*

12 *(g) AUTHORITY OF SECRETARY OF DEFENSE.—*

13           (1) *IN GENERAL.—The Secretary of Defense has*  
14 *the authority to develop, prepare, coordinate, and,*  
15 *when appropriately authorized to do so, conduct mili-*  
16 *tary cyber operations in response to cyber attacks and*  
17 *malicious cyber activities described in subsection (a)*  
18 *that are carried out against the United States or*  
19 *United States persons by a foreign power.*

20           (2) *DELEGATION OF ADDITIONAL AUTHORI-*  
21 *TIES.—The Secretary may delegate to the Commander*  
22 *of the United States Cyber Command such authorities*  
23 *of the Secretaries of the military departments, includ-*  
24 *ing authorities relating to manning, training, and*  
25 *equipping, that the Secretary considers appropriate.*

1           (3) *USE OF DELEGATED AUTHORITIES.*—*The use*  
2           *by the Commander of the United States Cyber Com-*  
3           *mand of any authority delegated to the Commander*  
4           *pursuant to this subsection shall be subject to the au-*  
5           *thority, direction, and control of the Secretary.*

6           (4) *RULE OF CONSTRUCTION.*—*Nothing in this*  
7           *subsection shall be construed to limit the authority of*  
8           *the President or Congress to authorize the use of mili-*  
9           *tary force.*

10          (h) *FOREIGN POWER DEFINED.*—*In this section, the*  
11          *term “foreign power” has the meaning given that term in*  
12          *section 101 of the Foreign Intelligence Surveillance Act of*  
13          *1978 (50 U.S.C. 1801).*

14          **SEC. 1622. CYBER POSTURE REVIEW.**

15          (a) *REQUIREMENT FOR COMPREHENSIVE REVIEW.*—  
16          *In order to clarify United States cyber deterrence policy*  
17          *and strategy for the near term, the Secretary of Defense*  
18          *shall conduct a comprehensive review of the cyber posture*  
19          *of the United States for the next 5 to 10 years. The Sec-*  
20          *retary shall conduct the review in consultation with the Di-*  
21          *rector of National Intelligence, the Attorney General, the*  
22          *Secretary of the Department of Homeland Security, and the*  
23          *Secretary of State.*

24          (b) *ELEMENTS OF REVIEW.*—*The cyber posture review*  
25          *shall include the following elements:*

1           (1) *The role of cyber forces in United States*  
2 *military strategy, planning, and programming.*

3           (2) *A declaratory policy relating to United*  
4 *States responses to cyber attack and use of offensive*  
5 *cyber capabilities, guidance for the employment of of-*  
6 *fensive cyber capabilities, a public affairs plan, and*  
7 *an engagement plan for adversaries and allies.*

8           (3) *Proposed norms for the conduct of offensive*  
9 *cyber operations in crisis and conflict.*

10          (4) *Guidance for the development of cyber deter-*  
11 *rence campaign plans focused on key leadership of*  
12 *Russia, China, Iran, North Korea, and any other*  
13 *country the Secretary determines appropriate.*

14          (5) *Examination through analysis and gaming*  
15 *of escalation dynamics in various scenarios, as well*  
16 *as the spiral escalatory effects of countries developing*  
17 *increasingly potent offensive cyber capabilities, and*  
18 *what steps should be undertaken to bolster stability in*  
19 *cyberspace and more broadly stability between major*  
20 *powers.*

21          (6) *A certification of whether sufficient personnel*  
22 *are trained and equipped to meet validated cyber re-*  
23 *quirements.*

24          (7) *Such other matters as the Secretary considers*  
25 *appropriate.*

1       (c) *REPORT TO CONGRESS.*—Not later than March 1,  
2 2018, the Secretary of Defense shall submit to Congress, in  
3 unclassified and classified forms as necessary, a report on  
4 the results of the cyber posture review conducted under this  
5 section.

6       (d) *SENSE OF CONGRESS.*—It is the sense of Congress  
7 that the United States should respond to all cyber attacks  
8 and to all significant cyber intrusions by imposing costs  
9 on those responsible that exceed any benefit that the attacker  
10 or intruder may have hoped to gain.

11 **SEC. 1623. MODIFICATION AND CLARIFICATION OF RE-**  
12 **QUIREMENTS AND AUTHORITIES RELATING**  
13 **TO ESTABLISHMENT OF UNIFIED COMBATANT**  
14 **COMMAND FOR CYBER OPERATIONS.**

15       (a) *DEADLINE FOR ESTABLISHMENT.*—Before the  
16 Cyber Mission Force reaches full operational capability, the  
17 President shall establish the unified combatant command  
18 for cyber operations forces pursuant to section 167b(a) of  
19 title 10, United State Code.

20       (b) *CLARIFICATION OF FUNCTIONS.*—Subsection (a) of  
21 section 167b of title 10, United States Code, is amended—

22               (1) by striking the second sentence;

23               (2) by inserting “(1)” before “With the”; and

24               (3) by adding at the end the following new para-  
25 graph:

1       “(2) *The principal functions of the cyber command are*  
2 *as follows:*

3           “(A) *To execute cyber operations.*

4           “(B) *To prepare cyber operations forces to carry*  
5 *out assigned missions.”.*

6       (c) *MODIFICATION OF ASSIGNMENT OF FORCES.*—Sub-  
7 *section (b) of such section is amended by striking “stationed*  
8 *in the United States”.*

9       (d) *MODIFICATION OF COMMAND OF ACTIVITY OR MIS-*  
10 *SION.*—Subsection (d) of such section is amended to read  
11 *as follows:*

12       “(d) *COMMAND OF ACTIVITY OR MISSION.*—*The com-*  
13 *mander of the cyber command shall execute and exercise*  
14 *command of cyberspace operations and coordinate with the*  
15 *affected commanders of the unified combatant commands,*  
16 *unless otherwise directed by the President or the Secretary*  
17 *of Defense.”.*

18       (e) *MODIFICATION OF AUTHORITY OF COMBATANT*  
19 *COMMANDER.*—Subsection (e)(2)(A) of such section is  
20 *amended—*

21           (1) *in clause (iii)—*

22               (A) *in subclause (I), by striking “and” at*  
23 *the end;*

24               (B) *in subclause (II), by striking “assigned*  
25 *to unified combatant commands”;*

1           (C) by redesignating subclause (II) as sub-  
2           clause (III); and

3           (D) by inserting after subclause (I) the fol-  
4           lowing new subclause (II):

5           “(II) for development and acquisition of  
6           joint cyber capabilities; and”;

7           (2) in clause (iv), by striking “joint” and insert-  
8           ing “cyber operations”; and

9           (3) in clause (v), by striking “commissioned and  
10          noncommissioned officers” and inserting “cyber oper-  
11          ations forces”.

12 **SEC. 1624. ANNUAL ASSESSMENT OF CYBER RESILIENCY OF**  
13 **NUCLEAR COMMAND AND CONTROL SYSTEM.**

14          (a) *IN GENERAL.*—Chapter 24 of title 10, United  
15 States Code, is amended by adding at the end the following  
16 new section:

17 **“§ 499. Annual assessment of cyber resiliency of nu-**  
18 **clear command and control system**

19          “(a) *IN GENERAL.*—Not less frequently than annually,  
20 the Commander of the United States Strategic Command  
21 and the Commander of the United States Cyber Command  
22 (in this section referred to collectively as the ‘Commanders’)  
23 shall jointly conduct an assessment of the cyber resiliency  
24 of the nuclear command and control system.

1       “(b) *ELEMENTS.*—*In conducting the assessment re-*  
2 *quired by subsection (a), the Commanders shall—*

3               “(1) *conduct an assessment of the sufficiency and*  
4 *resiliency of the nuclear command and control system*  
5 *to operate through a cyber attack from the Russian*  
6 *Federation, the People’s Republic of China, or any*  
7 *other country or entity the Commanders identify as*  
8 *a potential threat; and*

9               “(2) *develop recommendations for mitigating*  
10 *any concerns of the Commanders resulting from the*  
11 *assessment.*

12       “(c) *REPORT REQUIRED.*—(1) *The Commanders shall*  
13 *jointly submit to the Chairman of the Joint Chiefs of Staff,*  
14 *for submission to the Council on Oversight of the National*  
15 *Leadership Command, Control, and Communications Sys-*  
16 *tem established under section 171a of this title (in this sec-*  
17 *tion referred to as the ‘Council’), a report on the assessment*  
18 *required by subsection (a) that includes the following:*

19               “(A) *The recommendations developed under sub-*  
20 *section (b)(2).*

21               “(B) *A statement of the degree of confidence of*  
22 *each of the Commanders in the mission assurance of*  
23 *the nuclear deterrent against a top tier cyber threat.*

24               “(C) *A detailed description of the approach used*  
25 *to conduct the assessment required by subsection (a)*

1       *and the technical basis of conclusions reached in con-*  
2       *ducting that assessment.*

3               “(D) *Any other comments of the Commanders.*”

4               “(2) *The Council shall submit to the Secretary of De-*  
5       *fense the report required by paragraph (1) and any com-*  
6       *ments of the Council on the report.*”

7               “(3) *The Secretary of Defense shall submit to the con-*  
8       *gressional defense committees the report required by para-*  
9       *graph (1), any comments of the Council on the report under*  
10       *paragraph (2), and any comments of the Secretary on the*  
11       *report.*”

12              “(d) *TERMINATION.—This section shall terminate on*  
13       *the date that is 10 years after the date of the enactment*  
14       *of the National Defense Authorization Act for Fiscal Year*  
15       *2018.*”.

16              “(b) *CLERICAL AMENDMENT.—The table of sections for*  
17       *chapter 24 of such title is amended by inserting after the*  
18       *item relating to section 498 the following new item:*

*“499. Annual assessment of cyber resiliency of nuclear command and control sys-*  
*tem.”.*

19       **SEC. 1625. STRATEGIC CYBERSECURITY PROGRAM.**

20              “(a) *IN GENERAL.—The Secretary of Defense shall es-*  
21       *tablish a program to be known as the “Strategic Cybersecu-*  
22       *rity Program” or “SCP” (in this section referred to as the*  
23       *“Program”).*”

1       (b) *ELEMENTS.*—*The Program shall be comprised of*  
2 *personnel assigned to the Program by the Secretary from*  
3 *among personnel, including regular and reserve members*  
4 *of the Armed Forces, civilian employees of the Department,*  
5 *and personnel of the research laboratories of the Department*  
6 *of Defense and the Department of Energy, who have par-*  
7 *ticular expertise in the responsibility to be discharged by*  
8 *the Program. Any personnel assigned to the Program from*  
9 *among personnel of the Department of Energy shall be so*  
10 *assigned with the concurrence of the Secretary of Energy.*

11       (c) *RESPONSIBILITY.*—

12           (1) *IN GENERAL.*—*The responsibility of the Pro-*  
13 *gram shall be to carry out activities (commonly re-*  
14 *ferred to as “red-teaming”) to continuously assess the*  
15 *information assurance and improve the overall effec-*  
16 *tiveness of the following of the United States Govern-*  
17 *ment:*

18                   (A) *Offensive cyber systems.*

19                   (B) *Long-range strike systems.*

20                   (C) *Nuclear deterrent systems.*

21                   (D) *National security systems.*

22                   (E) *Critical infrastructure of the Depart-*  
23 *ment of Defense (as that term is defined in sec-*  
24 *tion 1650(f)(1) of the National Defense Author-*

1            *ization Act for Fiscal Year 2017 (Public Law*  
2            *114–329)).*

3            (2) *SCOPE OF RESPONSIBILITY.*—*In carrying out*  
4            *its activities, the Program shall carry out appro-*  
5            *priate reviews of current systems and infrastructure*  
6            *and acquisition plans for proposed systems and infra-*  
7            *structure. The review of an acquisition plan for any*  
8            *proposed system or infrastructure shall be carried out*  
9            *before Milestone B approval for such system or infra-*  
10           *structure.*

11           (3) *RESULTS OF REVIEWS.*—*The results of each*  
12           *review carried out by the Program pursuant to para-*  
13           *graph (2), including any remedial action rec-*  
14           *ommended by the Program pursuant to such review,*  
15           *shall be made available to any agencies or organiza-*  
16           *tions of the Department involved in the development,*  
17           *procurement, operation, or maintenance of the system*  
18           *or infrastructure concerned.*

19           (d) *REPORTS.*—*The Director of the National Security*  
20           *Agency shall submit to the Secretary of Defense and the con-*  
21           *gressional defense committees on a quarterly basis a report*  
22           *on the activities of the Program during the preceding cal-*  
23           *endar quarter. Each report shall include the following:*

24           (1) *A description of the activities of the Program*  
25           *during the calendar quarter covered by such report.*



1 *the Fleet Cyber Command, the Air Forces Cyber Command,*  
2 *and the Marine Corps Cyberspace Command.*

3 (b) *GOAL.*—*The goal of the evaluation required by sub-*  
4 *section (a) is to identify a set of practices that will—*

5 (1) *increase the speed of development of cyber ca-*  
6 *pabilities of the Armed Forces;*

7 (2) *provide more effective tools and capabilities*  
8 *for developing, acquiring, and maintaining cyber*  
9 *tools and applications; and*

10 (3) *create a repeatable, disciplined process for*  
11 *developing, acquiring, and maintaining cyber tools*  
12 *and applications whereby progress and success or*  
13 *failure can be continuously measured.*

14 (c) *CONSIDERATION OF AGILE SOFTWARE DEVELOP-*  
15 *MENT, AGILE ACQUISITION, AND OTHER BEST PRAC-*  
16 *TICES.*—

17 (1) *IN GENERAL.*—*The evaluation required by*  
18 *subsection (a) shall include consideration of agile soft-*  
19 *ware development, agile acquisition, and such other*  
20 *similar best practices of commercial industry.*

21 (2) *CONSIDERATIONS.*—*In carrying out the eval-*  
22 *uation required by subsection (a), the Commander*  
23 *shall assess requirements for implementing the prac-*  
24 *tices described in paragraph (1), consider changes*

1       *that would be necessary to established acquisition*  
2       *practices, including the following:*

3               *(A) The requirements process.*

4               *(B) Contracting.*

5               *(C) Testing.*

6               *(D) User involvement in the development*  
7       *process.*

8               *(E) Program management.*

9               *(F) Milestone reviews and approvals.*

10              *(G) The definitions of “research and devel-*  
11       *opment”, “procurement”, and “sustainment”.*

12              *(H) The constraints of current appropri-*  
13       *ations account definitions.*

14       *(d) ASSESSMENT OF TRAINING AND EDUCATION RE-*  
15       *QUIREMENTS.—In carrying out the evaluation required by*  
16       *subsection (a), the Commander shall assess training and*  
17       *education requirements for personnel in all areas and at*  
18       *all levels of management relevant to the successful adoption*  
19       *of new acquisition models and methods for developing, ac-*  
20       *quiring, and maintaining cyber tools and applications as*  
21       *described in such subsection.*

22       *(e) SERVICES AND EXPERTISE.—In conducting the*  
23       *evaluation required by subsection (a), the Commander*  
24       *shall—*

25              *(1) obtain services and expertise from—*

1                   (A) *the Defense Digital Service; and*

2                   (B) *federally funded research and develop-*  
3                   *ment centers, such as the Software Engineering*  
4                   *Institute and the MITRE Corporation; and*

5                   (2) *consult with such commercial software com-*  
6                   *panies as the Commander considers appropriate to*  
7                   *learn about commercial best practices.*

8                   (f) *RECOMMENDATIONS.—*

9                   (1) *IN GENERAL.—Not later than 120 days after*  
10                   *the date of the enactment of this Act, the Commander*  
11                   *shall submit to the Secretary of Defense recommenda-*  
12                   *tions for experimenting with or adopting new acquisi-*  
13                   *tion methods, including all aspects of implementation*  
14                   *necessary for the success of the recommended methods.*

15                   (2) *CONGRESSIONAL BRIEFING.—Not later than*  
16                   *14 days after submitting recommendations to the Sec-*  
17                   *retary under paragraph (1), the Commander shall*  
18                   *brief the congressional defense committees on the rec-*  
19                   *ommendations the Commander submitted under para-*  
20                   *graph (1).*

21                   (g) *PRESERVATION OF EXISTING AUTHORITY.—The*  
22                   *evaluation required under subsection (a) is intended to in-*  
23                   *form future acquisition approaches. Nothing in this section*  
24                   *shall be construed to limit or impede the exercising of the*  
25                   *acquisition authority of the Commander of United States*

1 *Cyber Command under section 807 of the National Defense*  
2 *Authorization Act for Fiscal Year 2016 (Public Law 114–*  
3 *92; 10 U.S.C. 2224 note).*

4 *(h) DEFINITIONS.—In this section:*

5 *(1) The term “agile acquisition” means acquisi-*  
6 *tion pursuant to a methodology for delivering mul-*  
7 *tiple, rapid, incremental capabilities to the user for*  
8 *operational use, evaluation, and feedback. The incre-*  
9 *mental development and fielding of capabilities, com-*  
10 *monly called “spirals”, “spins”, or “sprints”, can be*  
11 *measured in a few weeks or months, and involve con-*  
12 *tinuous participation and collaboration by users, test-*  
13 *ers, and requirements authorities.*

14 *(2) The term “agile development” means develop-*  
15 *ment pursuant to a set of software development meth-*  
16 *odologies based on iterative development, in which re-*  
17 *quirements and solutions evolve through collaboration*  
18 *between self-organizing cross-functional teams.*

19 **SEC. 1627. REPORT ON COST IMPLICATIONS OF TERMI-**  
20 **NATING DUAL-HAT ARRANGEMENT FOR COM-**  
21 **MANDER OF UNITED STATES CYBER COM-**  
22 **MAND.**

23 *Not later than 90 days after the date of the enactment*  
24 *of this Act, the Commander of the United States Cyber*  
25 *Command shall submit to the congressional defense commit-*

1 *tees a report that identifies the costs that would be impli-*  
2 *cated by meeting the conditions set forth in section*  
3 *1642(b)(2)(C) of the National Defense Authorization Act for*  
4 *Fiscal Year 2017 (Public Law 114–328).*

5 **SEC. 1628. MODIFICATION OF INFORMATION ASSURANCE**  
6 **SCHOLARSHIP PROGRAM.**

7 *(a) DESIGNATION OF PROGRAM.—Section 2200a of*  
8 *title 10, United States Code, is amended by adding at the*  
9 *end the following new subsection:*

10 *“(h) DESIGNATION OF PROGRAM.—A program under*  
11 *which the Secretary provides financial assistance under*  
12 *subsection (a) shall be known as the ‘Department of Defense*  
13 *Cybersecurity Scholarship Program’.”*

14 *(b) ALLOCATION OF FUNDING.—Subsection (f) of such*  
15 *section is amended—*

16 *(1) by inserting “(1)” before “Not less”; and*

17 *(2) by adding at the end the following new para-*  
18 *graph:*

19 *“(2) Not less than five percent of the amount available*  
20 *for financial assistance under this section for a fiscal year*  
21 *shall be available for providing financial assistance for the*  
22 *pursuit of an associate degree.”*

23 *(c) REINVIGORATION PLAN REQUIRED.—Not later*  
24 *than September 30, 2018, the Secretary of Defense shall sub-*  
25 *mit to the congressional defense committees a plan for rein-*

1 *vigorating the Department of Defense Cyber Scholarship*  
2 *Program authorized under section 2200a of such title, as*  
3 *amended by subsections (a) and (b).*

4 **SEC. 1629. MEASURING COMPLIANCE OF COMPONENTS OF**  
5 **DEPARTMENT OF DEFENSE WITH CYBERSE-**  
6 **CURITY REQUIREMENTS FOR SECURING IN-**  
7 **DUSTRIAL CONTROL SYSTEMS.**

8 (a) *IN GENERAL.*—*The Secretary of Defense shall*  
9 *make such changes to the scorecard as are necessary to en-*  
10 *sure that the Secretary measures each component of the De-*  
11 *partment of Defense in its progress towards securing the*  
12 *industrial control systems of the Department against cyber*  
13 *threats, including supervisory control and data acquisition*  
14 *systems (SCADA), distributed control systems (DCS), pro-*  
15 *grammable logic controllers (PLC), and platform informa-*  
16 *tion technology (PIT).*

17 (b) *SCORECARD DEFINED.*—*In this section, the term*  
18 *“scorecard” means the Department of Defense Cyber Score-*  
19 *card for the measuring of the performance of components*  
20 *of the Department against basic cybersecurity requirements*  
21 *as outlined in the Department of Defense Cybersecurity Dis-*  
22 *cipline Implementation Plan.*

1 **SEC. 1630. EXERCISE ON ASSESSING CYBERSECURITY SUP-**  
2 **PORT TO ELECTION SYSTEMS OF STATES.**

3 (a) *INCLUSION OF CYBER VULNERABILITIES IN ELEC-*  
4 *TION SYSTEMS IN CYBER GUARD EXERCISES.*—The Sec-  
5 *retary of Defense shall incorporate the cybersecurity of elec-*  
6 *tions systems of the States as a component of the Cyber*  
7 *Guard Exercise.*

8 (b) *REPORT ON BEST PRACTICES.*—Not later than 180  
9 *days after the date of the enactment of this Act, the Sec-*  
10 *retary of Defense shall submit to the congressional defense*  
11 *committees a report on the capabilities, readiness, and best*  
12 *practices of the National Guard to assist the Governors, if*  
13 *called upon, to defend elections systems from cyberattacks.*

14 **SEC. 1630A. REPORT ON VARIOUS APPROACHES TO CYBER**  
15 **DETERRENCE.**

16 (a) *IN GENERAL.*—Not later than 180 days after the  
17 *date of the enactment of this Act, the Secretary of Defense*  
18 *shall submit to the congressional defense committees a re-*  
19 *port on various approaches to cyber deterrence.*

20 (b) *CONTENTS.*—The report required by subsection (a)  
21 *shall include the following:*

22 (1) *Identification, definition, and explanation of*  
23 *the various theoretical approaches to cyber deterrence.*

24 (2) *An assessment of the relative strengths and*  
25 *weaknesses of each of such approaches relative to the*  
26 *threat and relative to one another.*



1 *hosting on its networks a software platform described in*  
2 *subsection (a) is immediately severed.*

3 (c) *EFFECTIVE DATE.*—*This section shall take effect*  
4 *on October 1, 2018.*

5 **SEC. 1630C. REPORT ON CYBER APPLICATIONS OF**  
6 **BLOCKCHAIN TECHNOLOGY.**

7 (a) *REPORT REQUIRED.*—*Not later than 180 days*  
8 *after the date of the enactment of this Act, the Secretary*  
9 *of Defense, in consultation with the heads of such other*  
10 *agencies and departments as the Secretary considers appro-*  
11 *priate, shall submit to the appropriate committees of Con-*  
12 *gress a report on the potential offensive and defensive cyber*  
13 *applications of blockchain technology and other distributed*  
14 *database technologies and an assessment of efforts by foreign*  
15 *powers, extremist organizations, and criminal networks to*  
16 *utilize these technologies. Such report shall also include an*  
17 *assessment of the use or planned use of blockchain tech-*  
18 *nologies by the United States Government or critical infra-*  
19 *structure networks and the vulnerabilities of such networks*  
20 *to cyber attacks.*

21 (b) *FORM OF REPORT.*—*The report required by (a)*  
22 *may be submitted—*

23 (1) *in classified form; or*

24 (2) *in unclassified form with a classified annex.*

1       (c) *APPROPRIATE COMMITTEES OF CONGRESS DE-*  
 2 *FINED.*—*In this section, the term “appropriate committees*  
 3 *of Congress” means—*

4           (1) *the Committee on Armed Services, the Select*  
 5 *Committee on Intelligence, and the Committee on*  
 6 *Homeland Security and Governmental Affairs of the*  
 7 *Senate; and*

8           (2) *Committee on Armed Services, the Perma-*  
 9 *nent Select Committee on Intelligence, and the Com-*  
 10 *mittee on Homeland Security of the House of Rep-*  
 11 *resentatives.*

## 12       ***Subtitle D—Nuclear Forces***

### 13 ***SEC. 1631. COLLECTION, STORAGE, AND SHARING OF DATA*** 14 ***RELATING TO NUCLEAR SECURITY ENTER-*** 15 ***PRISE.***

16       (a) *IN GENERAL.*—*Chapter 24 of title 10, United*  
 17 *States Code, as amended by section 1624, is further amend-*  
 18 *ed by adding at the end the following new section:*

#### 19 ***“§ 499a. Collection, storage, and sharing of data relat-*** 20 ***ing to nuclear security enterprise***

21       “(a) *IN GENERAL.*—*The Secretary of Defense, acting*  
 22 *through the Director of Cost Assessment and Program Eval-*  
 23 *uation, and the Administrator for Nuclear Security, acting*  
 24 *through the Director for Cost Estimating and Program*  
 25 *Evaluation, shall jointly collect and store cost, pro-*

1 *grammatic, and technical data relating to programs and*  
2 *projects of the nuclear security enterprise.*

3       “(b) *SHARING OF DATA.—If the Director of Cost As-*  
4 *essment and Program Evaluation or the Director for Cost*  
5 *Estimating and Program Evaluation requests data relating*  
6 *to programs or projects from any element of the Department*  
7 *of Defense or from any element of the nuclear security enter-*  
8 *prise of the National Nuclear Security Administration, that*  
9 *element shall provide that data in a timely manner.*

10       “(c) *STORAGE OF DATA.—*

11               “(1) *IN GENERAL.—Data collected by the Direc-*  
12 *tor of Cost Assessment and Program Evaluation and*  
13 *the Director for Cost Estimating and Program Eval-*  
14 *uation under this section shall be—*

15                       “(A) *stored in the data storage system of the*  
16 *Defense Cost and Resource Center or in a data*  
17 *storage system of the National Nuclear Security*  
18 *Administration that is equivalent to the data*  
19 *storage system of the Defense Cost and Resource*  
20 *Center; and*

21                       “(B) *made accessible to other Federal agen-*  
22 *cies as such Directors consider appropriate.*

23               “(2) *AVAILABILITY OF RESOURCES.—The Sec-*  
24 *retary and the Administrator shall ensure that the*  
25 *Director of Cost Assessment and Program Evaluation*

1        *and the Director for Cost Estimating and Program*  
2        *Evaluation have sufficient information system sup-*  
3        *port, as determined by such Directors, to facilitate the*  
4        *timely hosting, handling, and sharing of data relating*  
5        *to programs and projects of the nuclear security en-*  
6        *terprise under this section at the appropriate level of*  
7        *classification.*

8                *“(3) COORDINATION WITH OFFICE OF NAVAL RE-*  
9        *ACTORS.—The Deputy Administrator for Naval Reac-*  
10        *tors of the National Nuclear Security Administration*  
11        *shall coordinate with the Director of Cost Assessment*  
12        *and Program Evaluation and the Director for Cost*  
13        *Estimating and Program Evaluation to ensure that*  
14        *data relating to programs and projects of the Office*  
15        *of Naval Reactors are correctly represented in the*  
16        *data storage system of the Defense Cost and Resource*  
17        *Center and the data storage system of the National*  
18        *Nuclear Security Administration described in para-*  
19        *graph (1)(A).*

20                *“(d) CONTRACT REQUIREMENTS.—The Secretary and*  
21        *the Administrator shall ensure that any contract relating*  
22        *to a program or project of the nuclear security enterprise*  
23        *that is entered into on or after the date of the enactment*  
24        *of this section includes—*



1 *the Department of Defense Nuclear Enterprise, dated June*  
2 *2, 2014.*

3 (b) *SUBMISSION TO CONGRESS.—The Secretary shall*  
4 *submit the final instruction required by subsection (a) to*  
5 *the congressional defense committees not later than 30 days*  
6 *after issuing the instruction.*

7 (c) *REVIEW BY GOVERNMENT ACCOUNTABILITY OF-*  
8 *FICE.—Not later than 90 days after the Secretary issues*  
9 *the final instruction required by subsection (a), the Comp-*  
10 *troller General of the United States shall submit to the con-*  
11 *gressional defense committees a report reviewing the in-*  
12 *struction for its consistency with the recommendations con-*  
13 *tained in the report of the Government Accountability Of-*  
14 *fice entitled, “Defense Nuclear Enterprise: DOD has Estab-*  
15 *lished Processes for Implementing and Tracking Rec-*  
16 *ommendations to Improve Leadership Morale and Oper-*  
17 *ations”, dated July 14, 2016 (GAO–16–957R).*

18 **SEC. 1633. PROCUREMENT AUTHORITY FOR CERTAIN PARTS**  
19 **OF INTERCONTINENTAL BALLISTIC MISSILES.**

20 (a) *AVAILABILITY OF FUNDS.—Notwithstanding sec-*  
21 *tion 1502(a) of title 31, United States Code, of the amount*  
22 *authorized to be appropriated for fiscal year 2018 by sec-*  
23 *tion 101 and available for Missile Procurement, Air Force,*  
24 *as specified in the funding table in section 4101, \$6,334,000*  
25 *shall be available for the procurement of covered parts pur-*

1 *suant to contracts entered into under section 1645(a) of the*  
2 *Carl Levin and Howard P. “Buck” McKeon National De-*  
3 *fense Authorization Act for Fiscal Year 2015 (Public Law*  
4 *113–291; 128 Stat. 3651).*

5 (b) *COVERED PARTS DEFINED.*—*In this section, the*  
6 *term “covered parts” means commercially available off-the-*  
7 *shelf items as defined in section 104 of title 41, United*  
8 *States Code.*

9 **SEC. 1634. EXECUTION AND PROGRAMMATIC OVERSIGHT OF**  
10 **NUCLEAR COMMAND, CONTROL, AND COMMU-**  
11 **NICATIONS PROGRAMS.**

12 (a) *IN GENERAL.*—*Not later than one year after the*  
13 *date of the enactment of this Act, the Chief Information Of-*  
14 *ficer of the Department of Defense, as Executive Secretary*  
15 *of the Council on Oversight of the National Leadership*  
16 *Command, Control, and Communications System estab-*  
17 *lished under section 171a of title 10, United States Code*  
18 *(or a successor to the Chief Information Officer assigned*  
19 *responsibility for policy, oversight, guidance, and coordina-*  
20 *tion for nuclear command and control systems), shall, in*  
21 *coordination with the Under Secretary of Defense for Acqui-*  
22 *sition and Sustainment, develop a database relating to the*  
23 *execution of all nuclear command, control, and communica-*  
24 *tions acquisition programs of the Department of Defense*  
25 *with an approved Materiel Development Decision. The*

1 *database shall be updated not less frequently than annually*  
2 *and upon completion of a major program element of such*  
3 *a program.*

4 *(b) DATABASE ELEMENTS.—The database required by*  
5 *subsection (a) shall include, at a minimum, the following*  
6 *elements for each program described in that subsection, con-*  
7 *sistent with Department of Defense Instruction 5000.02:*

8 *(1) Projected dates for Milestones A, B and C,*  
9 *including cost thresholds and objectives for major ele-*  
10 *ments of life cycle cost.*

11 *(2) Projected dates for program design reviews*  
12 *and critical design reviews.*

13 *(3) Projected dates for developmental and oper-*  
14 *ation tests.*

15 *(4) Projected dates for initial operational capa-*  
16 *bility and final operational capability.*

17 *(5) An acquisition program baseline.*

18 *(6) Program acquisition unit cost and average*  
19 *procurement unit cost.*

20 *(7) Contract type.*

21 *(8) Key performance parameters.*

22 *(9) Key system attributes.*

23 *(10) A risk register.*

24 *(11) Technology readiness levels.*

25 *(12) Manufacturing readiness levels.*

1           (13) *Integration readiness levels.*

2           (14) *Any other critical elements that affect the*  
3 *stability of the program.*

4           (c) *BRIEFINGS.*—*The co-chairs of the Council on Over-*  
5 *sight of the National Leadership Command, Control, and*  
6 *Communications System shall brief the congressional de-*  
7 *fense committees on the status of the database required by*  
8 *subsection (a)—*

9           (1) *not later than 180 days after the date of the*  
10 *enactment of this Act; and*

11           (2) *upon completion of the database.*

12 **SEC. 1635. MEASURES IN RESPONSE TO NONCOMPLIANCE**  
13 **OF THE RUSSIAN FEDERATION WITH ITS OB-**  
14 **LIGATIONS UNDER THE INF TREATY.**

15           (a) *STATEMENT OF UNITED STATES POLICY.*—*It is the*  
16 *policy of the United States that, for so long as the Russian*  
17 *Federation remains in noncompliance with the INF Treaty,*  
18 *the United States should take actions to bring the Russian*  
19 *Federation back into compliance, including—*

20           (1) *providing additional funds for the activities*  
21 *and systems identified in section 1243(d) of the Na-*  
22 *tional Defense Authorization Act for Fiscal Year 2016*  
23 *(Public Law 114–92; 129 Stat. 1062); and*

24           (2) *the establishment of a research and develop-*  
25 *ment program for a dual-capable road-mobile ground-*

1        *launched missile system with a maximum range of*  
2        *5,500 kilometers.*

3        *(b) REPORT REQUIRED.—Not later than 120 days*  
4 *after the date of the enactment of this Act, the Secretary*  
5 *of Defense shall submit to the congressional defense commit-*  
6 *tees a report on the cost and schedule for, and feasibility*  
7 *of, modifying United States missile systems in existence as*  
8 *of such date of enactment for ground launch with a range*  
9 *of between 500 and 5,500 kilometers, including the Toma-*  
10 *hawk Cruise Missile, the Standard Missile-3, the Standard*  
11 *Missile-6, the Long-Range Stand-Off Cruise Missile, and*  
12 *the Army Tactical Missile System, as compared with the*  
13 *cost and schedule for, and feasibility of, developing a new*  
14 *ground-launched missile using new technology with the*  
15 *same range.*

16        *(c) AUTHORIZATION OF APPROPRIATIONS.—None of*  
17 *the funds authorized to be appropriated by this Act or other-*  
18 *wise made available for fiscal year 2018 for a research and*  
19 *development program for a dual-capable road-mobile*  
20 *ground-launched missile system with a maximum range of*  
21 *5,500 kilometers may be obligated or expended until the re-*  
22 *port required by subsection (b) is received by the congres-*  
23 *sional defense committees.*

24        *(d) INF TREATY DEFINED.—In this section, the term*  
25 *“INF Treaty” means the Treaty between the United States*

1 *of America and the Union of Soviet Socialist Republics on*  
2 *the Elimination of their Intermediate-Range and Shorter-*  
3 *Range Missiles, signed at Washington December 8, 1987,*  
4 *and entered into force June 1, 1988.*

5 **SEC. 1636. CERTIFICATION THAT THE NUCLEAR POSTURE**  
6 **REVIEW ADDRESSES DETERRENT EFFECT**  
7 **AND OPERATION OF UNITED STATES NU-**  
8 **CLEAR FORCES IN CURRENT AND FUTURE SE-**  
9 **CURITY ENVIRONMENTS.**

10 *(a) FINDINGS.—Congress finds that, between the publi-*  
11 *cation of the Nuclear Posture Review in 2010 and the date*  
12 *of the enactment of this Act—*

13 *(1) North Korea has—*

14 *(A) conducted at least three nuclear tests;*

15 *(B) tested missiles that may be capable of*  
16 *reaching United States territory in the Pacific*  
17 *Ocean; and*

18 *(C) continued to develop a missile that*  
19 *could strike targets in the United States home-*  
20 *land;*

21 *(2) the Russian Federation has—*

22 *(A) not complied with either the spirit or*  
23 *the letter of bilateral treaties with the United*  
24 *States related to nuclear weapons;*

1           (B) continued to expand and diversify its  
2 arsenal of non-strategic nuclear weapons;

3           (C) threatened to add allies of the United  
4 States hosting missile defense shields to its list of  
5 nuclear targets; and

6           (D) demonstrated willful disregard for the  
7 sovereign territory of a neighboring country;

8 (3) Iran has—

9           (A) according to the International Atomic  
10 Energy Agency, exceeded limits on sensitive ma-  
11 terials under the Joint Comprehensive Plan of  
12 Action, agreed to at Vienna on July 14, 2015, by  
13 Iran and by the People’s Republic of China,  
14 France, Germany, the Russian Federation, the  
15 United Kingdom, and the United States; and

16           (B) continued to advance a ballistic missile  
17 program that has been condemned by the United  
18 Nations;

19 (4) the People’s Republic of China has—

20           (A) built up military outposts on artificial  
21 islands in the South China Sea;

22           (B) mass-produced missiles capable of strik-  
23 ing United States aircraft carriers and military  
24 installations in the Pacific;

1           (C) expanded its delivery systems to include  
2           ballistic missile submarines, which can hold the  
3           United States homeland at risk and potentially  
4           can destabilize the strategic stability of Southeast  
5           Asia; and

6           (D) continued to test anti-satellite weapons,  
7           according to the Department of State; and

8           (5) advances in technology and capabilities re-  
9           lated to the cyber domain, applications of artificial  
10          intelligence, and space have further complicated the  
11          delicate balance of deterrence that has been in place  
12          since the Cold War.

13          (b) *SENSE OF CONGRESS.*—It is the sense of Congress  
14          that—

15               (1) given the developments in the international  
16               security environment described in subsection (a), it is  
17               critical to the national security of the United States  
18               to maintain a nuclear force that is effective for both  
19               deterrence of adversaries and assurance of allies of the  
20               United States;

21               (2) an effective force for deterrence and assur-  
22               ance should be flexible, in order to respond to different  
23               contingencies, as well as resilient, to operate as  
24               planned under stress; and

1           (3) *in order to do so, the United States should*  
2           *continue to pursue the timely modernization of all*  
3           *three legs of the nuclear triad, the Long-Range Stand-*  
4           *Off weapon, tactical nuclear capabilities, and nuclear*  
5           *command and control systems, as well as weapons*  
6           *and infrastructure maintained by the National Nu-*  
7           *clear Security Administration.*

8           (c) *CERTIFICATION REQUIRED.—Not later than 30*  
9           *days after completing the first Nuclear Posture Review after*  
10          *the date of the enactment of this Act, the Secretary of De-*  
11          *fense shall submit to the congressional defense committees*  
12          *a certification that the Nuclear Posture Review accounts*  
13          *for—*

14                 (1) *with respect to the nuclear capabilities of the*  
15                 *United States as of such date of enactment—*

16                         (A) *the ability of such capabilities to deter*  
17                         *adversaries of the United States that possess nu-*  
18                         *clear weapons or may possess such weapons in*  
19                         *the future;*

20                         (B) *the ability of the United States to oper-*  
21                         *ate in a major regional conflict that involves nu-*  
22                         *clear weapons;*

23                         (C) *the ability and preparedness of forward-*  
24                         *deployed members of the Armed Forces to operate*  
25                         *in a nuclear environment; and*

1           (D) weapons, equipment, and training or  
2           conduct that would improve the abilities de-  
3           scribed in subparagraphs (A), (B), and (C);

4           (2) with respect to the nuclear capabilities of the  
5           United States projected over the 10-year period begin-  
6           ning on such date of enactment—

7           (A) the projected ability of such capabilities  
8           to deter adversaries of the United States that  
9           possess nuclear weapons or may possess such  
10          weapons in the future;

11          (B) the projected ability of the United  
12          States to operate in a major regional conflict  
13          that involves nuclear weapons;

14          (C) the projected ability and preparedness  
15          of forward-deployed members of the Armed  
16          Forces to operate in a nuclear environment; and

17          (D) weapons, equipment, and training or  
18          conduct that would improve the abilities de-  
19          scribed in subparagraphs (A), (B), and (C); and

20          (3) any actions that could be taken by the Sec-  
21          retary of Defense or the Administrator for Nuclear  
22          Security in the near and medium terms to decrease  
23          the risk posed by possible additional changes to the se-  
24          curity environment related to nuclear weapons in the  
25          future.

1       (d) *FORM OF CERTIFICATION.*—*The certification re-*  
2 *quired by subsection (c) may be submitted to the congres-*  
3 *sional defense committees in classified form.*

4 **SEC. 1637. PLAN TO MANAGE INTEGRATED TACTICAL WARN-**  
5 **ING AND ATTACK ASSESSMENT SYSTEM AND**  
6 **MULTI-DOMAIN SENSORS.**

7       (a) *PLAN REQUIRED.*—*Not later than one year after*  
8 *the date of the enactment of this Act, the Secretary of the*  
9 *Air Force shall develop a plan to manage the Air Force*  
10 *missile warning elements of the Integrated Tactical Warn-*  
11 *ing and Attack Assessment System as a weapon system con-*  
12 *sistent with Air Force Policy Directive 10–9, entitled “Lead*  
13 *Command Designation and Responsibilities for Weapon*  
14 *Systems” and dated March 8, 2007.*

15       (b) *MULTI-DOMAIN SENSOR MANAGEMENT AND EX-*  
16 *PLOITATION.*—

17           (1) *IN GENERAL.*—*The plan required by sub-*  
18 *section (a) shall include a long-term plan to manage*  
19 *all available sensors for multi-domain exploitation*  
20 *against modern and emergent threats in order to pro-*  
21 *vide comprehensive support for integrated tactical*  
22 *warning and attack assessment, missile defense, and*  
23 *space situational awareness.*

1           (2) *COORDINATION WITH OTHER AGENCIES.*—*In*  
2 *developing the plan required by paragraph (1), the*  
3 *Secretary shall—*

4           (A) *coordinate with the Secretary of the*  
5 *Army, the Secretary of the Navy, the Director of*  
6 *the Missile Defense Agency, and the Director of*  
7 *the National Reconnaissance Office; and*

8           (B) *solicit comments on the plan, if any,*  
9 *from the Commander of the United States Stra-*  
10 *tegic Command and the Commander of the*  
11 *United States Northern Command.*

12       (c) *SUBMISSION TO CONGRESS.*—*Not later than 14*  
13 *months after the date of the enactment of this Act, the Sec-*  
14 *retary shall submit to the congressional defense commit-*  
15 *tees—*

16           (1) *the plan required by subsection (a); and*

17           (2) *the comments from the Commander of the*  
18 *United States Strategic Command and the Com-*  
19 *mander of the United States Northern Command, if*  
20 *any, on the plan required by subsection (b)(1).*

21 **SEC. 1638. CERTIFICATION REQUIREMENT WITH RESPECT**  
22 **TO STRATEGIC RADIATION HARDENED**  
23 **TRUSTED FOUNDRY.**

24       *Not later than December 31, 2020, the Secretary of De-*  
25 *fense shall submit to the congressional defense committees*

1 *a certification that a strategic radiation hardened trusted*  
2 *foundry, consistent with Department of Defense Instruction*  
3 *5200.44, is operational and capable of supplying necessary*  
4 *microelectronic components for necessary radiation envi-*  
5 *ronments involved with the acquisition of delivery systems*  
6 *for nuclear weapons.*

7 **SEC. 1639. REQUIREMENTS FOR NUCLEAR POSTURE RE-**  
8 **VIEW.**

9 (a) *INCORPORATION OF STAKEHOLDER VIEWS.*—*In*  
10 *preparing the Nuclear Posture Review, the Secretary of De-*  
11 *fense shall fully incorporate input and views from all rel-*  
12 *evant stakeholders in the United States Government, includ-*  
13 *ing the Secretary of Energy, the Secretary of State, the Ad-*  
14 *ministrator for Nuclear Security, and the heads of compo-*  
15 *nents of the Department of State, the Department of En-*  
16 *ergy, and the National Nuclear Security Administration*  
17 *with responsibility for negotiating and verifying compli-*  
18 *ance with international arms control initiatives.*

19 (b) *AVAILABILITY.*—*The Secretary of Defense shall en-*  
20 *sure that—*

21 (1) *the Nuclear Posture Review is submitted, in*  
22 *its entirety, to the President and the congressional de-*  
23 *fense committees; and*

24 (2) *an unclassified version of the Nuclear Pos-*  
25 *ture Review is made available to the public.*

1 **SEC. 1640. SENSE OF CONGRESS ON NUCLEAR POSTURE RE-**  
2 **VIEW.**

3 *It is the sense of Congress that the Nuclear Posture*  
4 *Review should—*

5 *(1) take into account the obligations of the*  
6 *United States under treaties ratified by and with the*  
7 *advice and consent of the Senate; and*

8 *(2) examine the tools required to sustain the*  
9 *stockpile stewardship program under section 4201 of*  
10 *the Atomic Energy Defense Act (50 U.S.C. 2521) in*  
11 *the future to ensure the safety, security, and effective-*  
12 *ness of the nuclear arsenal of the United States.*

13 ***Subtitle E—Missile Defense***  
14 ***Programs***

15 **SEC. 1651. IRON DOME SHORT-RANGE ROCKET DEFENSE**  
16 **SYSTEM AND ISRAELI COOPERATIVE MISSILE**  
17 **DEFENSE PROGRAM CO-DEVELOPMENT AND**  
18 **CO-PRODUCTION.**

19 *(a) IRON DOME SHORT-RANGE ROCKET DEFENSE*  
20 *SYSTEM.—*

21 *(1) AVAILABILITY OF FUNDS.—Of the funds au-*  
22 *thorized to be appropriated by this Act or otherwise*  
23 *made available for fiscal year 2018 for procurement,*  
24 *Defense-wide, and available for the Missile Defense*  
25 *Agency, not more than \$92,000,000 may be provided*  
26 *to the Government of Israel to procure Tamir inter-*

1        *ceptors for the Iron Dome short-range rocket defense*  
2        *system through co-production of such interceptors in*  
3        *the United States by industry of the United States.*

4            (2) *CONDITIONS.—*

5            (A) *AGREEMENT.—Funds described in*  
6        *paragraph (1) for the Iron Dome short-range*  
7        *rocket defense program shall be available subject*  
8        *to the terms and conditions in the Agreement Be-*  
9        *tween the Department of Defense of the United*  
10       *States of America and the Ministry of Defense of*  
11       *the State of Israel Concerning Iron Dome De-*  
12       *fense System Procurement, signed on March 5,*  
13       *2014, as amended to include co-production for*  
14       *Tamir interceptors. In negotiations by the Mis-*  
15       *sile Defense Agency and the Missile Defense Or-*  
16       *ganization of the Government of Israel regarding*  
17       *such production, the goal of the United States is*  
18       *to maximize opportunities for co-production of*  
19       *the Tamir interceptors described in paragraph*  
20       *(1) in the United States by industry of the*  
21       *United States.*

22            (B) *CERTIFICATION.—Not later than 30*  
23        *days prior to the initial obligation of funds de-*  
24        *scribed in paragraph (1), the Director of the*  
25        *Missile Defense Agency and the Under Secretary*

1           *of Defense for Acquisition and Sustainment shall*  
2           *jointly submit to the appropriate congressional*  
3           *committees—*

4                     *(i) a certification that the amended bi-*  
5                     *lateral international agreement specified in*  
6                     *subparagraph (A) is being implemented as*  
7                     *provided in such agreement; and*

8                     *(ii) an assessment detailing any risks*  
9                     *relating to the implementation of such*  
10                    *agreement.*

11        ***(b) ISRAELI COOPERATIVE MISSILE DEFENSE PRO-***  
12 ***GRAM, DAVID’S SLING WEAPON SYSTEM CO-PRODUC-***  
13 ***TION.—***

14                    ***(1) IN GENERAL.—****Subject to paragraph (2), of*  
15                    *the funds authorized to be appropriated for fiscal year*  
16                    *2018 for procurement, Defense-wide, and available for*  
17                    *the Missile Defense Agency not more than*  
18                    *\$120,000,000 may be provided to the Government of*  
19                    *Israel to procure the David’s Sling Weapon System,*  
20                    *including for co-production of parts and components*  
21                    *in the United States by United States industry.*

22                    ***(2) CERTIFICATION.—****The Under Secretary of*  
23                    *Defense for Acquisition and Sustainment shall submit*  
24                    *to the appropriate congressional committees a certifi-*  
25                    *cation that—*

1           (A) *the Government of Israel has dem-*  
2           *onstrated the successful completion of the knowl-*  
3           *edge points, technical milestones, and production*  
4           *readiness reviews required by the research, devel-*  
5           *opment, and technology agreement and the bilat-*  
6           *eral co-production agreement for the David's*  
7           *Sling Weapon System;*

8           (B) *funds specified in paragraph (1) will be*  
9           *provided on the basis of a one-for-one cash match*  
10           *made by Israel or in another matching amount*  
11           *that otherwise meets best efforts (as mutually*  
12           *agreed to by the United States and Israel); and*

13           (C) *the level of co-production of parts, com-*  
14           *ponents, and all-up rounds (if appropriate) in*  
15           *the United States by United States industry for*  
16           *the David's Sling Weapon System is not less*  
17           *than 50 percent.*

18           (c) *ISRAELI COOPERATIVE MISSILE DEFENSE PRO-*  
19           *GRAM, ARROW 3 UPPER TIER INTERCEPTOR PROGRAM CO-*  
20           *PRODUCTION.—*

21           (1) *IN GENERAL.—Subject to paragraphs (2) and*  
22           *(3), of the funds authorized to be appropriated for fis-*  
23           *cal year 2018 for procurement, Defense-wide, and*  
24           *available for the Missile Defense Agency not more*  
25           *than \$120,000,000 may be provided to the Govern-*

1 *ment of Israel for the Arrow 3 Upper Tier Interceptor*  
2 *Program, including for co-production of parts and*  
3 *components in the United States by United States in-*  
4 *dustry.*

5 (2) *LIMITATION ON FUNDING.—None of the funds*  
6 *authorized to be appropriated in paragraph (1) may*  
7 *be obligated or expended until 30 days after the suc-*  
8 *cessful completion of two flight tests at a test range*  
9 *in the United States to validate Arrow Weapon Sys-*  
10 *tem capabilities and interoperability with ballistic*  
11 *missile system components of the United States.*

12 (3) *CERTIFICATION.—*

13 (A) *CRITERIA.—Except as provided by*  
14 *paragraph (4), the Under Secretary of Defense*  
15 *for Acquisition and Sustainment shall submit to*  
16 *the appropriate congressional committees a cer-*  
17 *tification that—*

18 (i) *the Government of Israel has dem-*  
19 *onstrated the successful completion of the*  
20 *knowledge points, technical milestones, and*  
21 *production readiness reviews required by*  
22 *the research, development, and technology*  
23 *agreements for the Arrow 3 Upper Tier De-*  
24 *velopment Program;*

1           (ii) funds specified in paragraph (1)  
2 will be provided on the basis of a one-for-  
3 one cash match made by Israel or in an-  
4 other matching amount that otherwise meets  
5 best efforts (as mutually agreed to by the  
6 United States and Israel);

7           (iii) the United States has entered into  
8 a bilateral international agreement with  
9 Israel that establishes, with respect to the  
10 use of such funds—

11           (I) in accordance with clause (iv),  
12 the terms of co-production of parts and  
13 components on the basis of the greatest  
14 practicable co-production of parts,  
15 components, and all-up rounds (if ap-  
16 propriate) by United States industry  
17 and minimizes nonrecurring engineer-  
18 ing and facilitization expenses to the  
19 costs needed for co-production;

20           (II) complete transparency on the  
21 requirement of Israel for the number of  
22 interceptors and batteries that will be  
23 procured, including with respect to the  
24 procurement plans, acquisition strat-  
25 egy, and funding profiles of Israel;

1                   (III) *technical milestones for co-*  
2                   *production of parts and components*  
3                   *and procurement;*

4                   (IV) *a joint affordability working*  
5                   *group to consider cost reduction initia-*  
6                   *tives; and*

7                   (V) *joint approval processes for*  
8                   *third-party sales; and*

9                   (iv) *the level of co-production described*  
10                  *in clause (iii)(I) for the Arrow 3 Upper*  
11                  *Tier Interceptor Program is not less than*  
12                  *50 percent.*

13               (4) *WAIVER.—The Under Secretary may waive*  
14               *the certification required by paragraph (3) if the*  
15               *Under Secretary certifies to the appropriate congres-*  
16               *sional committees that the Under Secretary has re-*  
17               *ceived sufficient data from the Government of Israel*  
18               *to demonstrate—*

19                   (A) *the funds specified in paragraph (1) are*  
20                   *provided to Israel solely for funding the procure-*  
21                   *ment of long-lead components and critical hard-*  
22                   *ware in accordance with a production plan, in-*  
23                   *cluding a funding profile detailing Israeli con-*  
24                   *tributions for production, including long-lead*

1           *production, of the Arrow 3 Upper Tier Inter-*  
2           *ceptor Program;*

3                   *(B) such long-lead components have success-*  
4           *fully completed knowledge points, technical mile-*  
5           *stones, and production readiness reviews; and*

6                   *(C) the long-lead procurement will be con-*  
7           *ducted in a manner that maximizes co-produc-*  
8           *tion in the United States without incurring non-*  
9           *recurring engineering activity or cost other than*  
10          *such activity or cost required for suppliers of the*  
11          *United States to start or restart production in*  
12          *the United States.*

13          *(d) NUMBER.—In carrying out paragraph (2) of sub-*  
14          *section (b) and paragraph (3) of subsection (c), the Under*  
15          *Secretary may submit—*

16                   *(1) one certification covering both the David’s*  
17          *Sling Weapon System and the Arrow 3 Upper Tier*  
18          *Interceptor Program; or*

19                   *(2) separate certifications for each respective sys-*  
20          *tem.*

21          *(e) TIMING.—The Under Secretary shall submit to the*  
22          *congressional defense committees the certifications under*  
23          *paragraph (2) of subsection (b) and paragraph (3) of sub-*  
24          *section (c) by not later than 60 days before the funds speci-*  
25          *fied in paragraph (1) of subsections (b) and (c) for the re-*

1 *spective system covered by the certification are provided to*  
2 *the Government of Israel.*

3 (f) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
4 *FINED.*—*In this section, the term “appropriate congress-*  
5 *sional committees” means the following:*

6 (1) *The congressional defense committees.*

7 (2) *The Committee on Foreign Relations of the*  
8 *Senate and the Committee on Foreign Affairs of the*  
9 *House of Representatives.*

10 **SEC. 1652. DEVELOPMENT OF PERSISTENT SPACE-BASED**  
11 **SENSOR ARCHITECTURE.**

12 (a) *IN GENERAL.*—*Unless otherwise directed or rec-*  
13 *ommended by the Ballistic Missile Defense Review*  
14 *(BMDR), the Director of the Missile Defense Agency shall*  
15 *develop, using sound acquisition practices, a highly reliable*  
16 *and cost-effective persistent space-based sensor architecture*  
17 *capable of supporting the ballistic missile defense system.*

18 (b) *TESTING AND DEPLOYMENT.*—*The Director shall*  
19 *ensure that the sensor architecture developed under sub-*  
20 *section (a) is rigorously tested before final production deci-*  
21 *sions or operational deployment.*

22 (c) *FUNCTIONS.*—*The sensor architecture developed*  
23 *under subsection (a) shall include one or more of the fol-*  
24 *lowing functions:*

25 (1) *Control of increased raid sizes.*

1           (2) *Precision tracking of threat missiles.*

2           (3) *Fire-control-quality tracks of evolving threat*  
3 *missiles.*

4           (4) *Enabling of launch-on-remote and engage-on-*  
5 *remote capabilities.*

6           (5) *Discrimination of warheads.*

7           (6) *Effective kill assessment.*

8           (7) *Enhanced shot doctrine.*

9           (8) *Integration with the command, control, battle*  
10 *management, and communication program of the bal-*  
11 *listic missile defense system.*

12           (9) *Integration with all other elements of the*  
13 *current ballistic missile defense system, including the*  
14 *Terminal High Altitude Area Defense, Aegis Ballistic*  
15 *Missile Defense, Aegis Ashore, and Patriot Air and*  
16 *Missile Defense Systems.*

17           (10) *Such additional functions as determined by*  
18 *the Ballistic Missile Defense Review.*

19       (d) *COST ESTIMATES.—Whenever the Director devel-*  
20 *ops a cost estimate for the sensor architecture required by*  
21 *subsection (a), the Director shall use—*

22           (1) *the cost-estimating and assessment guide of*  
23 *the Government Accountability Office entitled “GAO*  
24 *Cost Estimating and Assessment Guide” (GAO–09–*  
25 *3SP), or a successor guide; or*

1           (2) *the most current operating and support cost-*  
2           *estimating guide of the Office of Cost Assessment and*  
3           *Program Evaluation (CAPE).*

4 **SEC. 1653. GROUND-BASED INTERCEPTOR CAPABILITY, CA-**  
5           **PACITY, AND RELIABILITY.**

6           (a) *SENSE OF THE SENATE.*—*It is the sense of the Sen-*  
7           *ate that it is the policy of the United States to maintain*  
8           *and improve, with the allies of the United States, an effec-*  
9           *tive, robust layered missile defense system capable of defend-*  
10           *ing the citizens of the United States residing in territories*  
11           *and States of the United States, allies of the United States,*  
12           *and deployed Armed Forces of the United States.*

13           (b) *INCREASE IN CAPACITY AND CONTINUED ADVANCE-*  
14           *MENT.*—*The Secretary of Defense shall—*

15           (1) *subject to the annual authorization of appro-*  
16           *propriations and the annual appropriation of funds for*  
17           *National Missile Defense, increase the number of*  
18           *United States ground-based interceptors, unless other-*  
19           *wise directed by the Ballistic Missile Defense Review,*  
20           *by up to 28;*

21           (2) *develop a plan to further increase such num-*  
22           *ber to the currently available missile field capacity of*  
23           *104 and to plan for any future capacity at any site*  
24           *that may be identified by the Ballistic Missile Defense*  
25           *Review; and*

1           (3) *continue to rapidly advance missile defense*  
2           *technologies to improve the capability and reliability*  
3           *of the ground-based midcourse defense element of the*  
4           *ballistic missile defense system.*

5           (c) *DEPLOYMENT.*—*Not later than December 31, 2021,*  
6           *the Secretary of Defense shall—*

7           (1) *execute any requisite construction to ensure*  
8           *that Missile Field 1 or Missile Field 2 at Fort Greely*  
9           *or alternative missile fields at Fort Greely which may*  
10           *be identified pursuant to subsection (b), are capable*  
11           *of supporting and sustaining additional ground-based*  
12           *interceptors;*

13           (2) *deploy up to 14 additional ground-based*  
14           *interceptors to Missile Field 1 or up to 20 additional*  
15           *ground-based interceptors to an alternative missile*  
16           *field at Fort Greely as soon as technically feasible;*  
17           *and*

18           (3) *identify a ground-based interceptor stockpile*  
19           *storage site for the remaining ground-based intercep-*  
20           *tors required by subsection (b).*

21           (d) *REPORT.*—

22           (1) *IN GENERAL.*—*Unless otherwise directed or*  
23           *recommended by the Ballistic Missile Defense Review*  
24           *(BMDR), the Director of the Missile Defense Agency*  
25           *shall submit to the congressional defense committees,*

1     *not later than 90 days after the completion of the*  
2     *Ballistic Missile Defense Review, a report on options*  
3     *to increase the capability, capacity, and reliability of*  
4     *the ground-based midcourse defense element of the bal-*  
5     *listic missile defense system and the infrastructure re-*  
6     *quirements for increasing the number of ground-based*  
7     *interceptors in currently feasible locations across the*  
8     *United States.*

9             (2) *CONTENTS.*—*The report required by para-*  
10     *graph (1) shall include the following:*

11             (A) *An identification of potential sites in*  
12     *the United States, whether existing or new on the*  
13     *East Coast or in the Midwest, for the deployment*  
14     *of 104 ground-based interceptors.*

15             (B) *A cost-benefit analysis of each such site,*  
16     *including tactical, operational, and cost-to-con-*  
17     *struct considerations.*

18             (C) *A description of any completed and out-*  
19     *standing environmental assessments or impact*  
20     *statements for each such site.*

21             (D) *A description of the existing capacity of*  
22     *the missile fields at Fort Greely and the infra-*  
23     *structure requirements needed to increase the*  
24     *number of ground-based interceptors to 20*  
25     *ground-based interceptors each.*

1           (E) A description of the additional infra-  
2           structure and components needed to further out-  
3           fit missile fields at Fort Greely before emplacing  
4           additional ground-based interceptors configured  
5           with the redesigned kill vehicle, including with  
6           respect to ground excavation, silos, utilities, and  
7           support equipment.

8           (F) A cost estimate of such infrastructure  
9           and components.

10          (G) An estimated schedule for completing  
11          such construction as may be required for such  
12          infrastructure and components.

13          (H) An identification of any environmental  
14          assessments or impact studies that would need to  
15          be conducted to expand such missile fields at  
16          Fort Greely beyond current capacity.

17          (I) An operational evaluation and cost  
18          analysis of the deployment of transportable  
19          ground-based interceptors, including an identi-  
20          fication of potential sites, including in the east-  
21          ern United States and at Vandenberg Air Force  
22          Base, and an examination of any environmental,  
23          legal, or tactical challenges associated with such  
24          deployments, including to any sites identified in  
25          subparagraph (A).

1           *(J) A determination of the appropriate fleet*  
2           *mix of ground-based interceptor kill vehicles and*  
3           *boosters to maximize overall system effectiveness*  
4           *and increase its capacity and capability, includ-*  
5           *ing the costs and benefits of continued inclusion*  
6           *of capability enhancement II (CE-II) Block 1*  
7           *interceptors after the fielding of the redesigned*  
8           *kill vehicle.*

9           *(K) A description of the planned improve-*  
10           *ments to homeland ballistic missile defense sen-*  
11           *sor and discrimination capabilities and an as-*  
12           *essment of the expected operational benefits of*  
13           *such improvements to homeland ballistic missile*  
14           *defense.*

15           *(L) The benefit of supplementing ground-*  
16           *based midcourse defense elements with other,*  
17           *more distributed, elements, including both Aegis*  
18           *ships and Aegis Ashore installations with Stand-*  
19           *ard Missile-3 Block IIA and other interceptors in*  
20           *Hawaii and at other locations for homeland mis-*  
21           *sile defense.*

22           *(3) FORM.—The report submitted under para-*  
23           *graph (1) shall be submitted in unclassified form, but*  
24           *may include a classified annex.*

1 **SEC. 1654. SENSE OF THE SENATE ON THE STATE OF**  
2 **UNITED STATES MISSILE DEFENSE.**

3 *It is the sense of the Senate that—*

4 *(1) the Secretary of Defense should use the Bal-*  
5 *listic Missile Defense Review (BMDR) to consider ac-*  
6 *celerating the development of technologies that will in-*  
7 *crease the capacity, capability, and reliability of the*  
8 *ground-based midcourse defense element of the bal-*  
9 *listic missile defense system;*

10 *(2) upon completion of the Ballistic Missile De-*  
11 *fense Review, the Director of the Missile Defense*  
12 *Agency should, to the extent practicable and with*  
13 *sound acquisition practices, accelerate the develop-*  
14 *ment, testing, and fielding of such capabilities as they*  
15 *are prioritized in the Ballistic Missile Defense Re-*  
16 *view, including the redesigned kill vehicle, the multi-*  
17 *object kill vehicle, the C3 booster, a space-based sensor*  
18 *layer, boost phase sensor and kill technologies, and*  
19 *additional ground-based interceptors; and*

20 *(3) in order to achieve these objectives, and to*  
21 *avoid post-production and post-deployment problems,*  
22 *it is essential for the Department of Defense and the*  
23 *Missile Defense Agency to follow a “fly before you*  
24 *buy” approach to adequately test and assess the ele-*  
25 *ments of the ballistic missile defense system before*  
26 *final production decisions or operational deployment.*

1 **SEC. 1655. SENSE OF THE SENATE AND REPORT ON**  
2 **GROUND-BASED MIDCOURSE DEFENSE TEST-**  
3 **ING.**

4 (a) *SENSE OF THE SENATE.*—*It is the sense of the Sen-*  
5 *ate that—*

6 (1) *at a minimum, the Missile Defense Agency*  
7 *should continue to flight test the ground-based mid-*  
8 *course defense element at least once each fiscal year;*

9 (2) *the Department of Defense should allocate in-*  
10 *creased funding to homeland missile defense testing to*  
11 *ensure that our defenses continue to evolve faster than*  
12 *the threats against which they are postured to defend;*

13 (3) *in order to rapidly innovate, develop, and*  
14 *field new technologies, the Director of the Missile De-*  
15 *fense Agency should continue to focus testing cam-*  
16 *paigns on delivering increased capabilities to the*  
17 *Armed Forces as quickly as possible; and*

18 (4) *the Director of the Missile Defense Agency*  
19 *should seek to establish a more prudent balance be-*  
20 *tween risk mitigation and the more rapid testing pace*  
21 *needed to quickly develop and deliver new capabilities*  
22 *to the Armed Forces.*

23 (b) *REPORT TO CONGRESS.*—

24 (1) *IN GENERAL.*—*Not later than 90 days after*  
25 *the date of the enactment of this Act, the Director of*  
26 *the Missile Defense Agency shall submit to the con-*

1 *gressional defense committees a revised missile defense*  
2 *testing campaign plan that accelerates the develop-*  
3 *ment and deployment of new missile defense tech-*  
4 *nologies.*

5 (2) *CONTENTS.—The report required by para-*  
6 *graph (1) shall include the following:*

7 (A) *A detailed analysis of the acceleration*  
8 *of each of following programs:*

9 (i) *Redesigned kill vehicle.*

10 (ii) *Multi-object kill vehicle.*

11 (iii) *Configuration-3 Booster.*

12 (iv) *Lasers mounted on small un-*  
13 *manned aerial vehicles.*

14 (v) *Space-based missile defense sensor*  
15 *architecture.*

16 (vi) *Such additional technologies as the*  
17 *Director considers appropriate.*

18 (B) *A new deployment timeline for each of*  
19 *the programs in listed in subparagraph (A) or a*  
20 *detailed description of why the current timeline*  
21 *for deployment technologies under those pro-*  
22 *grams is most suitable.*

23 (C) *An identification of any funding or pol-*  
24 *icy restrictions that would slow down the deploy-*

1           *ment of the technologies under the programs list-*  
2           *ed in subparagraph (A).*

3           *(D) A risk assessment of the potential cost-*  
4           *overruns and deployment delays that may be en-*  
5           *countered in the expedited development process of*  
6           *the capabilities under paragraph (1).*

7           *(c) REPORT ON FUNDING PROFILE.—The Director*  
8           *shall include with the budget justification materials sub-*  
9           *mitted to Congress in support of the budget of the Depart-*  
10          *ment of Defense for fiscal year 2019 (as submitted with the*  
11          *budget of the President under section 1105(a) of title 31,*  
12          *United States Code) a report on the funding profile nec-*  
13          *essary for the new testing campaign plan required by sub-*  
14          *section (b)(1).*

15           ***Subtitle F—Cyber Scholarship***  
16           ***Opportunities***

17          ***SEC. 1661. SHORT TITLE.***

18           *This subtitle may be cited as the “Cyber Scholarship*  
19          *Opportunities Act of 2017”.*

20          ***SEC. 1662. COMMUNITY COLLEGE CYBER PILOT PROGRAM***  
21           ***AND ASSESSMENT.***

22           *(a) PILOT PROGRAM.—Not later than 1 year after the*  
23          *date of enactment of this subtitle, as part of the Federal*  
24          *Cyber Scholarship-for-Service program established under*  
25          *section 302 of the Cybersecurity Enhancement Act of 2014*

1 *(15 U.S.C. 7442), the Director of the National Science*  
2 *Foundation, in coordination with the Director of the Office*  
3 *of Personnel Management, shall develop and implement a*  
4 *pilot program at not more than 10, but at least 5, commu-*  
5 *nity colleges to provide scholarships to eligible students*  
6 *who—*

7           *(1) are pursuing associate degrees or specialized*  
8           *program certifications in the field of cybersecurity;*  
9           *and*

10           *(2)(A) have bachelor's degrees; or*

11           *(B) are veterans of the armed forces.*

12           *(b) ASSESSMENT.—Not later than 1 year after the date*  
13 *of enactment of this subtitle, as part of the Federal Cyber*  
14 *Scholarship-for-Service program established under section*  
15 *302 of the Cybersecurity Enhancement Act of 2014 (15*  
16 *U.S.C. 7442), the Director of the National Science Founda-*  
17 *tion, in coordination with the Director of the Office of Per-*  
18 *sonnel Management, shall assess the potential benefits and*  
19 *feasibility of providing scholarships through community*  
20 *colleges to eligible students who are pursuing associate de-*  
21 *grees, but do not have bachelor's degrees.*

22 **SEC. 1663. FEDERAL CYBER SCHOLARSHIP-FOR SERVICE**  
23 **PROGRAM UPDATES.**

24           *(a) IN GENERAL.—Section 302 of the Cybersecurity*  
25 *Enhancement Act of 2014 (15 U.S.C. 7442) is amended—*

1           (1) *by striking subsection (b)(3) and inserting*  
2 *the following:*

3           “(3) *prioritize the employment placement of at*  
4 *least 80 percent of scholarship recipients in an execu-*  
5 *tive agency (as defined in section 105 of title 5,*  
6 *United States Code); and*

7           “(4) *provide awards to improve cybersecurity*  
8 *education at the kindergarten through grade 12*  
9 *level—*

10           “(A) *to increase interest in cybersecurity*  
11 *careers;*

12           “(B) *to help students practice correct and*  
13 *safe online behavior and understand the*  
14 *foundational principles of cybersecurity;*

15           “(C) *to improve teaching methods for deliv-*  
16 *ering cybersecurity content for kindergarten*  
17 *through grade 12 computer science curricula;*  
18 *and*

19           “(D) *to promote teacher recruitment in the*  
20 *field of cybersecurity.”;*

21           (2) *by amending subsection (d) to read as fol-*  
22 *lows:*

23           “(d) *POST-AWARD EMPLOYMENT OBLIGATIONS.—Each*  
24 *scholarship recipient, as a condition of receiving a scholar-*  
25 *ship under the program, shall enter into an agreement*

1 *under which the recipient agrees to work for a period equal*  
2 *to the length of the scholarship, following receipt of the stu-*  
3 *dent's degree, in the cybersecurity mission of—*

4           “(1) *an executive agency (as defined in section*  
5 *105 of title 5, United States Code);*

6           “(2) *Congress, including any agency, entity, of-*  
7 *fice, or commission established in the legislative*  
8 *branch;*

9           “(3) *an interstate agency;*

10           “(4) *a State, local, or tribal government; or*

11           “(5) *a State, local, or tribal government-affili-*  
12 *ated non-profit that is considered to be critical infra-*  
13 *structure (as defined in section 1016(e) of the USA*  
14 *Patriot Act (42 U.S.C. 5195c(e)).”;*

15           (3) *in subsection (f)—*

16           (A) *by amending paragraph (3) to read as*  
17 *follows:*

18           “(3) *have demonstrated a high level of com-*  
19 *petency in relevant knowledge, skills, and abilities, as*  
20 *defined by the national cybersecurity awareness and*  
21 *education program under section 401;”;* and

22           (B) *by amending paragraph (4) to read as*  
23 *follows:*

24           “(4) *be a full-time student in an eligible degree*  
25 *program at a qualified institution of higher edu-*

1 *cation, as determined by the Director of the National*  
2 *Science Foundation, except that in the case of a stu-*  
3 *dent who is enrolled in a community college, be a stu-*  
4 *dent pursuing a degree on a less than full-time basis,*  
5 *but not less than half-time basis; and”;* and

6 *(4) by amending subsection (m) to read as fol-*  
7 *lows:*

8 *“(m) PUBLIC INFORMATION.—*

9 *“(1) EVALUATION.—The Director of the National*  
10 *Science Foundation, in coordination with the Direc-*  
11 *tor of the Office of Personnel Management, shall peri-*  
12 *odically evaluate and make public, in a manner that*  
13 *protects the personally identifiable information of*  
14 *scholarship recipients, information on the success of*  
15 *recruiting individuals for scholarships under this sec-*  
16 *tion and on hiring and retaining those individuals in*  
17 *the public sector cyber workforce, including on—*

18 *“(A) placement rates;*

19 *“(B) where students are placed, including*  
20 *job titles and descriptions;*

21 *“(C) student salary ranges for students not*  
22 *released from obligations under this section;*

23 *“(D) how long after graduation they are*  
24 *placed;*

1           “(E) how long they stay in the positions  
2           they enter upon graduation;

3           “(F) how many students are released from  
4           obligations; and

5           “(G) what, if any, remedial training is re-  
6           quired.

7           “(2) *REPORTS.*—*The Director of the National*  
8           *Science Foundation, in coordination with the Office*  
9           *of Personnel Management, shall submit, at least once*  
10          *every 3 years, to the Committee on Commerce,*  
11          *Science, and Transportation of the Senate and the*  
12          *Committee on Science, Space, and Technology of the*  
13          *House of Representatives a report, including the re-*  
14          *sults of the evaluation under paragraph (1) and any*  
15          *recent statistics regarding the size, composition, and*  
16          *educational requirements of the Federal cyber work-*  
17          *force.*

18          “(3) *RESOURCES.*—*The Director of the National*  
19          *Science Foundation, in coordination with the Direc-*  
20          *tor of the Office of Personnel Management, shall pro-*  
21          *vide consolidated and user-friendly online resources*  
22          *for prospective scholarship recipients, including, to*  
23          *the extent practicable—*

24                 “(A) *searchable, up-to-date, and accurate*  
25                 *information about participating institutions of*

1           *higher education and job opportunities related to*  
2           *the field of cybersecurity; and*  
3           “(B) *a modernized description of cybersecu-*  
4           *rency careers.*”.

5           **(b) SAVINGS PROVISION.**—*Nothing in this section, or*  
6 *an amendment made by this section, shall affect any agree-*  
7 *ment, scholarship, loan, or repayment, under section 302*  
8 *of the Cybersecurity Enhancement Act of 2014 (15 U.S.C.*  
9 *7442), in effect on the day before the date of enactment of*  
10 *this subtitle.*

11 **SEC. 1664. CYBERSECURITY TEACHING.**

12           *Section 10(i) of the National Science Foundation Au-*  
13 *thorization Act of 2002 (42 U.S.C. 1862n–1(i)) is amend-*  
14 *ed—*

15           (1) *by amending paragraph (5) to read as fol-*  
16 *lows:*

17           “(5) *the term ‘mathematics and science teacher’*  
18 *means a science, technology, engineering, mathe-*  
19 *matics, or computer science, including cybersecurity,*  
20 *teacher at the elementary school or secondary school*  
21 *level;”;* and

22           (2) *by amending paragraph (7) to read as fol-*  
23 *lows:*

24           “(7) *the term ‘science, technology, engineering, or*  
25 *mathematics professional’ means an individual who*

1       *holds a baccalaureate, master’s, or doctoral degree in*  
 2       *science, technology, engineering, mathematics, or com-*  
 3       *puter science, including cybersecurity, and is working*  
 4       *in or had a career in such field or a related area;*  
 5       *and”.*

6       ***DIVISION       B—MILITARY       CON-***  
 7       ***STRUCTION       AUTHORIZA-***  
 8       ***TIONS***

9       ***SEC. 2001. SHORT TITLE.***

10       *This division may be cited as the “Military Construc-*  
 11       *tion Authorization Act for Fiscal Year 2018”.*

12       ***SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND***  
 13       ***AMOUNTS REQUIRED TO BE SPECIFIED BY***  
 14       ***LAW.***

15       *(a) EXPIRATION OF AUTHORIZATIONS AFTER FIVE*  
 16       *YEARS.—Except as provided in subsection (b), all author-*  
 17       *izations contained in titles XXI through XXVII for military*  
 18       *construction projects, land acquisition, family housing*  
 19       *projects and facilities, and contributions to the North At-*  
 20       *lantic Treaty Organization Security Investment Program*  
 21       *(and authorizations of appropriations therefor) shall expire*  
 22       *on the later of—*

23               *(1) October 1, 2022; or*

1           (2) *the date of the enactment of an Act author-*  
2           *izing funds for military construction for fiscal year*  
3           *2023.*

4           **(b) EXCEPTION.**—*Subsection (a) shall not apply to au-*  
5           *thorizations for military construction projects, land acqui-*  
6           *sition, family housing projects and facilities, and contribu-*  
7           *tions to the North Atlantic Treaty Organization Security*  
8           *Investment Program (and authorizations of appropriations*  
9           *therefor), for which appropriated funds have been obligated*  
10          *before the later of—*

11           (1) *October 1, 2022; or*

12           (2) *the date of the enactment of an Act author-*  
13           *izing funds for fiscal year 2023 for military construc-*  
14           *tion projects, land acquisition, family housing*  
15           *projects and facilities, or contributions to the North*  
16           *Atlantic Treaty Organization Security Investment*  
17           *Program.*

18           **(c) EXTENSION OF AUTHORIZATIONS OF FISCAL YEAR**  
19          **2016 AND FISCAL YEAR 2017 PROJECTS.**—

20           (1) **FISCAL YEAR 2016 PROJECTS.**—*Section 2002*  
21           *of the Military Construction Authorization Act for*  
22           *Fiscal Year 2016 (division B of Public Law 114–92;*  
23           *129 Stat. 1145) is amended—*

24           (A) *in subsection (a)—*

1           (i) in paragraph (1), by striking  
2           “2018” and inserting “2020”; and

3           (ii) in paragraph (2), by striking  
4           “2019” and inserting “2021”; and  
5           (B) in subsection (b)—

6           (i) in paragraph (1), by striking  
7           “2018” and inserting “2020”; and

8           (ii) in paragraph (2), by striking  
9           “2019” and inserting “2021”.

10           (2) *FISCAL YEAR 2017 PROJECTS*.—Section 2002  
11           of the Military Construction Authorization Act for  
12           Fiscal Year 2017 (division B of Public Law 114–328;  
13           129 Stat. 1145) is amended—

14           (A) in subsection (a)—

15           (i) in paragraph (1), by striking  
16           “2019” and inserting “2021”; and

17           (ii) in paragraph (2), by striking  
18           “2020” and inserting “2022”; and

19           (B) in subsection (b)—

20           (i) in paragraph (1), by striking  
21           “2019” and inserting “2021”; and

22           (ii) in paragraph (2), by striking  
23           “2020” and inserting “2022”.

1 **SEC. 2003. EFFECTIVE DATE.**

2 *Titles XXI through XXVII and title XXIX shall take*  
 3 *effect on the later of—*

4 *(1) October 1, 2017; or*

5 *(2) the date of the enactment of this Act.*

6 **TITLE XXI—ARMY MILITARY**  
 7 **CONSTRUCTION**

8 **SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND**  
 9 **ACQUISITION PROJECTS.**

10 *(a) INSIDE THE UNITED STATES.—Using amounts ap-*  
 11 *propriated pursuant to the authorization of appropriations*  
 12 *in section 2103(a) and available for military construction*  
 13 *projects inside the United States as specified in the funding*  
 14 *table in section 4601, the Secretary of the Army may ac-*  
 15 *quire real property and carry out military construction*  
 16 *projects for the installations or locations inside the United*  
 17 *States, and in the amounts, set forth in the following table:*

**Army: Inside the United States**

<b>State</b>	<b>Installation</b>	<b>Amount</b>
<i>Alabama</i> .....	<i>Fort Rucker</i> .....	<i>\$38,000,000</i>
<i>Arizona</i> .....	<i>Davis-Monthan Air Force Base</i> .....	<i>\$22,000,000</i>
	<i>Fort Huachuca</i> .....	<i>\$30,000,000</i>
<i>California</i> .....	<i>Fort Irwin</i> .....	<i>\$3,000,000</i>
<i>Colorado</i> .....	<i>Fort Carson</i> .....	<i>\$29,300,000</i>
<i>Florida</i> .....	<i>Eglin Air Force Base</i> .....	<i>\$18,000,000</i>
<i>Georgia</i> .....	<i>Fort Benning</i> .....	<i>\$38,800,000</i>
	<i>Fort Gordon</i> .....	<i>\$51,500,000</i>
<i>Hawaii</i> .....	<i>Pohakuloa Training Area</i> .....	<i>\$25,000,000</i>
<i>Indiana</i> .....	<i>Crane Army Ammunition Plant</i> .....	<i>\$24,000,000</i>
<i>New York</i> .....	<i>United States Military Academy</i> .....	<i>\$22,000,000</i>
<i>South Carolina</i> .....	<i>Fort Jackson</i> .....	<i>\$60,000,000</i>
	<i>Shaw Air Force Base</i> .....	<i>\$25,000,000</i>
<i>Texas</i> .....	<i>Camp Bullis</i> .....	<i>\$13,600,000</i>
	<i>Fort Hood</i> .....	<i>\$70,000,000</i>
<i>Virginia</i> .....	<i>Joint Base Langley-Eustis</i> .....	<i>\$34,000,000</i>
	<i>Joint Base Myer-Henderson</i> .....	<i>\$20,000,000</i>
<i>Washington</i> .....	<i>Yakima</i> .....	<i>\$19,500,000</i>

1       **(b) OUTSIDE THE UNITED STATES.**—Using amounts  
 2 appropriated pursuant to the authorization of appropria-  
 3 tions in section 2103(a) and available for military con-  
 4 struction projects outside the United States as specified in  
 5 the funding table in section 4601, the Secretary of the Army  
 6 may acquire real property and carry out the military con-  
 7 struction project for the installations or locations outside  
 8 the United States, and in the amounts, set forth in the fol-  
 9 lowing table:

**Army: Outside the United States**

<b>Country</b>	<b>Installation</b>	<b>Amount</b>
<i>Germany</i> .....	<i>Stuttgart</i> .....	\$40,000,000
	<i>Weisbaden</i> .....	\$43,000,000
<i>Korea</i> .....	<i>Kunsan Air Base</i> .....	\$53,000,000
<i>Turkey</i> .....	<i>Various Locations</i> .....	\$6,400,000

10       **(c) CERTIFICATION REQUIREMENT FOR CERTAIN**  
 11 **PROJECTS.**—The Secretary of the Army may not exercise  
 12 the authority provided under subsection (a) with respect to  
 13 the Fort Rucker, Alabama, or the Fort Benning, Georgia,  
 14 projects set forth in the table under such subsection unless  
 15 the Secretary of Defense, without delegation, certifies to the  
 16 congressional defense committees that such project is essen-  
 17 tial for Army training.

18 **SEC. 2102. FAMILY HOUSING.**

19       **(a) CONSTRUCTION AND ACQUISITION.**—Using  
 20 amounts appropriated pursuant to the authorization of ap-  
 21 propriations in section 2103(a) and available for military  
 22 family housing functions as specified in the funding table

1 *in section 4601, the Secretary of the Army may construct*  
 2 *or acquire family housing units (including land acquisition*  
 3 *and supporting facilities) at the installations or locations,*  
 4 *in the number of units, and in the amounts set forth in*  
 5 *the following table:*

**Army: Family Housing**

<b>State/Country</b>	<b>Installation or Location</b>	<b>Units</b>	<b>Amount</b>
<i>Georgia</i> .....	<i>Fort Gordon</i> .....	<i>Family Housing New Construction</i>	<i>\$6,100,000</i>
<i>Germany</i> .....	<i>South Camp Vilseck</i> .....	<i>Family Housing New Construction</i>	<i>\$22,445,000</i>
<i>Korea</i> .....	<i>Camp Humphreys</i> .....	<i>Family Housing New Construction</i>	<i>\$34,402,000</i>
<i>Massachusetts</i>	<i>Natick</i> .....	<i>Family Housing Replacement Construction</i>	<i>\$21,000,000</i>

6 (b) *PLANNING AND DESIGN.*—Using amounts appro-  
 7 priated pursuant to the authorization of appropriations in  
 8 section 2103(a) and available for military family housing  
 9 functions as specified in the funding table in section 4601,  
 10 the Secretary of the Army may carry out architectural and  
 11 engineering services and construction design activities with  
 12 respect to the construction or improvement of family hous-  
 13 ing units in an amount not to exceed \$33,559,000.

14 **SEC. 2103. AUTHORIZATION OF APPROPRIATIONS, ARMY.**

15 (a) *AUTHORIZATION OF APPROPRIATIONS.*—Funds are  
 16 hereby authorized to be appropriated for fiscal years begin-  
 17 ning after September 30, 2017, for military construction,  
 18 land acquisition, and military family housing functions of

1 *the Department of the Army as specified in the funding*  
2 *table in section 4601.*

3       **(b) LIMITATION ON TOTAL COST OF CONSTRUCTION**  
4 *PROJECTS.—Notwithstanding the cost variations author-*  
5 *ized by section 2853 of title 10, United States Code, and*  
6 *any other cost variation authorized by law, the total cost*  
7 *of all projects carried out under section 2101 of this Act*  
8 *may not exceed the total amount authorized to be appro-*  
9 *priated under subsection (a), as specified in the funding*  
10 *table in section 4601.*

11 **SEC. 2104. MODIFICATION OF AUTHORITY TO CARRY OUT**  
12 **CERTAIN FISCAL YEAR 2014 PROJECT.**

13       *In the case of the authorization contained in the table*  
14 *in section 2101(a) of the Military Construction Authoriza-*  
15 *tion Act for Fiscal Year 2014 (division B of Public Law*  
16 *113–66; 127 Stat. 986) for Joint Base Lewis-McChord,*  
17 *Washington, for construction of an airfield operations com-*  
18 *plex, the Secretary of the Army may construct standby gen-*  
19 *erator capacity of 1,000 kilowatts.*

20 **SEC. 2105. MODIFICATION OF AUTHORITY TO CARRY OUT**  
21 **CERTAIN FISCAL YEAR 2015 PROJECT.**

22       *In the case of the authorization contained in the table*  
23 *in section 2101(a) of the Military Construction Authoriza-*  
24 *tion Act for Fiscal Year 2015 (division B of Public Law*  
25 *113–291; 128 Stat. 3670) for Fort Shafter, Hawaii, for con-*

1 *struction of a command and control facility, the Secretary*  
 2 *of the Army may construct 15 megawatts of redundant*  
 3 *power generation for a total project amount of*  
 4 *\$370,000,000.*

5 **SEC. 2106. EXTENSION OF AUTHORIZATION OF CERTAIN**  
 6 **FISCAL YEAR 2014 PROJECT.**

7 (a) *EXTENSION.*—*Notwithstanding section 2002 of the*  
 8 *Military Construction Authorization Act for Fiscal Year*  
 9 *2014 (division B of Public Law 113–66; 127 Stat. 985),*  
 10 *the authorization set forth in the table in subsection (b),*  
 11 *as provided in section 2101 of that Act (127 Stat. 986),*  
 12 *shall remain in effect until October 1, 2018, or the date*  
 13 *of the enactment of an Act authorizing funds for military*  
 14 *construction for fiscal year 2019, whichever is later.*

15 (b) *TABLE.*—*The table referred to in subsection (a) is*  
 16 *as follows:*

**Army: Extension of 2014 Project Authorizations**

<b>Country</b>	<b>Location</b>	<b>Project</b>	<b>Amount</b>
<i>Japan .....</i>	<i>Kyoga-Misaki</i>	<i>Company Operations Com- plex .....</i>	<i>\$33,000,000</i>

17 **SEC. 2107. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 18 **FISCAL YEAR 2015 PROJECTS.**

19 (a) *EXTENSION.*—*Notwithstanding section 2002 of the*  
 20 *Military Construction Authorization Act for Fiscal Year*  
 21 *2015 (division B of Public Law 113–291; 128 Stat. 3669),*  
 22 *the authorizations set forth in the table in subsection (b),*

1 *as provided in section 2101 of that Act (128 Stat. 3670),*  
 2 *shall remain in effect until October 1, 2018, or the date*  
 3 *of the enactment of an Act authorizing funds for military*  
 4 *construction for fiscal year 2019, whichever is later.*

5 (b) *TABLE.—The table referred to in subsection (a) is*  
 6 *as follows:*

***Army: Extension of 2015 Project Authorizations***

<b><i>State/ Country</i></b>	<b><i>Installation or Location</i></b>	<b><i>Project</i></b>	<b><i>Amount</i></b>
<i>California</i>	<i>Military Ocean Ter- minal Con- cord.</i>	<i>Access Control Point .....</i>	<i>\$9,900,000</i>
<i>Hawaii .....</i>	<i>Fort Shafter ...</i>	<i>Command and Control Facil- ity (SCIF) .....</i>	<i>\$370,000,000</i>
<i>Japan .....</i>	<i>Kadena Air Base .....</i>	<i>Missile Magazine .....</i>	<i>\$10,600,000</i>
<i>Texas .....</i>	<i>Fort Hood .....</i>	<i>Simulation Center .....</i>	<i>\$46,000,000</i>

7 ***TITLE XXII—NAVY MILITARY***  
 8 ***CONSTRUCTION***

9 ***SEC. 2201. AUTHORIZED NAVY CONSTRUCTION AND LAND***  
 10 ***ACQUISITION PROJECTS.***

11 (a) *INSIDE THE UNITED STATES.—Using amounts ap-*  
 12 *propriated pursuant to the authorization of appropriations*  
 13 *in section 2204(a) and available for military construction*  
 14 *projects inside the United States as specified in the funding*  
 15 *table in section 4601, the Secretary of the Navy may ac-*  
 16 *quire real property and carry out military construction*  
 17 *projects for the installations or locations inside the United*  
 18 *States, and in the amounts, set forth in the following table:*

**Navy: Inside the United States**

<b>State</b>	<b>Installation or Location</b>	<b>Amount</b>
Arizona .....	Yuma .....	\$36,358,000
California .....	Barstow .....	\$36,539,000
	Camp Pendleton .....	\$61,139,000
	Coronado .....	\$36,000,000
	Lemoore .....	\$60,828,000
	Miramar .....	\$87,174,000
	San Diego .....	\$108,000,000
	Twentynine Palms .....	\$55,099,000
Florida .....	Mayport .....	\$194,818,000
Georgia .....	Albany .....	\$43,308,000
Hawaii .....	Kaneohe Bay .....	\$45,512,000
	Joint Base Pearl Harbor-Hickam .....	\$73,200,000
	Wahiawa .....	\$65,864,000
Maine .....	Kittery .....	\$61,692,000
North Carolina .....	Camp Lejeune .....	\$168,059,000
	Cherry Point Marine Corps Air Station .....	\$15,671,000
Virginia .....	Dam Neck .....	\$29,262,000
	Joint Expeditionary Base Little Creek-Story ..	\$2,596,000
	Portsmouth .....	\$72,990,000
	Quantico .....	\$23,738,000
	Yorktown .....	\$36,358,000
Washington .....	Indian Island .....	\$44,440,000

1           (b) *OUTSIDE THE UNITED STATES.*—Using amounts  
2 appropriated pursuant to the authorization of appropri-  
3 ations in section 2204(a) and available for military con-  
4 struction projects outside the United States as specified in  
5 the funding table in section 4601, the Secretary of the Navy  
6 may acquire real property and carry out military construc-  
7 tion projects for the installation or location outside the  
8 United States, and in the amounts, set forth in the following  
9 table:

**Navy: Outside the United States**

<b>Country</b>	<b>Installation or Location</b>	<b>Amount</b>
Djibouti .....	Camp Lemonier .....	\$13,390,000
Greece .....	Souda Bay .....	\$22,045,000
Guam .....	Joint Region Marianas .....	\$284,679,000
Japan .....	Iwakuni .....	\$21,86,000

1 **SEC. 2202. FAMILY HOUSING.**

2 (a) *CONSTRUCTION AND ACQUISITION.*—Using  
 3 amounts appropriated pursuant to the authorization of ap-  
 4 propriations in section 2204(a) and available for military  
 5 family housing functions as specified in the funding table  
 6 in section 4601, the Secretary of the Navy may construct  
 7 or acquire family housing units (including land acquisition  
 8 and supporting facilities) at the installation or location,  
 9 in the number of units, and in the amount set forth in the  
 10 following table:

**Navy: Family Housing**

<i>State</i>	<i>Installation or Location</i>	<i>Units</i>	<i>Amount</i>
<i>Bahrain Is- land .....</i>	<i>Southwest Asia .....</i>	<i>Construction On- Base General and Flag Officers Quarters</i>	<i>\$2,138,000</i>

11 (b) *PLANNING AND DESIGN.*—Using amounts appro-  
 12 priated pursuant to the authorization of appropriations in  
 13 section 2204(a) and available for military family housing  
 14 functions as specified in the funding table in section 4601,  
 15 the Secretary of the Navy may carry out architectural and  
 16 engineering services and construction design activities with  
 17 respect to the construction or improvement of family hous-  
 18 ing units in an amount not to exceed \$4,418,000.

1 **SEC. 2203. IMPROVEMENTS TO MILITARY FAMILY HOUSING**  
2 **UNITS.**

3 *Subject to section 2825 of title 10, United States Code,*  
4 *and using amounts appropriated pursuant to the author-*  
5 *ization of appropriations in section 2204(a) and available*  
6 *for military family housing functions as specified in the*  
7 *funding table in section 4601, the Secretary of the Navy*  
8 *may improve existing military family housing units in an*  
9 *amount not to exceed \$36,251,000.*

10 **SEC. 2204. AUTHORIZATION OF APPROPRIATIONS, NAVY.**

11 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
12 *hereby authorized to be appropriated for fiscal years begin-*  
13 *ning after September 30, 2017, for military construction,*  
14 *land acquisition, and military family housing functions of*  
15 *the Department of the Navy, as specified in the funding*  
16 *table in section 4601.*

17 *(b) LIMITATION ON TOTAL COST OF CONSTRUCTION*  
18 *PROJECTS.—Notwithstanding the cost variations author-*  
19 *ized by section 2853 of title 10, United States Code, and*  
20 *any other cost variation authorized by law, the total cost*  
21 *of all projects carried out under section 2201 of this Act*  
22 *may not exceed the total amount authorized to be appro-*  
23 *priated under subsection (a), as specified in the funding*  
24 *table in section 4601.*

1 **SEC. 2205. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 2 **FISCAL YEAR 2014 PROJECTS.**

3 (a) *EXTENSION.*—Notwithstanding section 2002 of the  
 4 *Military Construction Authorization Act for Fiscal Year*  
 5 *2014 (division B of Public Law 113–66; 127 Stat. 985),*  
 6 *the authorizations set forth in the table in subsection (b),*  
 7 *as provided in section 2201 of that Act (127 Stat. 989) and*  
 8 *extended by section 2207 of the Military Construction Au-*  
 9 *thorization Act for Fiscal Year 2017 (division B of Public*  
 10 *Law 114–328; 130 Stat. 2694), shall remain in effect until*  
 11 *October 1, 2018, or the date of the enactment of an Act*  
 12 *authorizing funds for military construction for fiscal year*  
 13 *2019, whichever is later.*

14 (b) *TABLE.*—The table referred to in subsection (a) is  
 15 as follows:

***Navy: Extension of 2014 Project Authorizations***

<b><i>State</i></b>	<b><i>Installation or Location</i></b>	<b><i>Project</i></b>	<b><i>Amount</i></b>
<i>Illinois</i> .....	<i>Great Lakes</i> .....	<i>Unaccompanied Housing</i> .....	\$35,851,000
<i>Nevada</i> .....	<i>Fallon</i> .....	<i>Wastewater Treatment Plant</i> .....	\$11,334,000
<i>Virginia</i> .....	<i>Quantico</i> .....	<i>Fuller Road Improvements</i> .....	\$9,013,000

16 **SEC. 2206. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 17 **FISCAL YEAR 2015 PROJECTS.**

18 (a) *EXTENSION.*—Notwithstanding section 2002 of the  
 19 *Military Construction Authorization Act for Fiscal Year*  
 20 *2015 (division B of Public Law 113–291; 128 Stat. 3669),*  
 21 *the authorizations set forth in the table in subsection (b),*

1 *as provided in section 2201 of that Act (128 Stat. 3675),*  
 2 *shall remain in effect until October 1, 2018, or the date*  
 3 *of the enactment of an Act authorizing funds for military*  
 4 *construction for fiscal year 2019, whichever is later.*

5 (b) *TABLE.—The table referred to in subsection (a) is*  
 6 *as follows:*

***Navy: Extension of 2015 Project Authorizations***

<b><i>State</i></b>	<b><i>Installation or Location</i></b>	<b><i>Project</i></b>	<b><i>Amount</i></b>
<i>District of Columbia</i>	<i>NSA Washington ....</i>	<i>Electronics Science and Technology Lab .....</i>	<i>\$37,882,000</i>
<i>Maryland .....</i>	<i>Indian Head .....</i>	<i>Advanced Energetics Research Lab Complex Phase 2</i>	<i>\$15,346,000</i>

7 ***TITLE XXIII—AIR FORCE***  
 8 ***MILITARY CONSTRUCTION***

9 ***SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND***  
 10 ***LAND ACQUISITION PROJECTS.***

11 (a) *INSIDE THE UNITED STATES.—Using amounts ap-*  
 12 *propriated pursuant to the authorization of appropriations*  
 13 *in section 2304(a) and available for military construction*  
 14 *projects inside the United States as specified in the funding*  
 15 *table in section 4601, the Secretary of the Air Force may*  
 16 *acquire real property and carry out military construction*  
 17 *projects for the installations or locations inside the United*  
 18 *States, and in the amounts, set forth in the following table:*

***Air Force: Inside the United States***

<b><i>State</i></b>	<b><i>Installation or Location</i></b>	<b><i>Amount</i></b>
<i>Alaska .....</i>	<i>Eielson Air Force Base .....</i>	<i>\$168,900,000</i>
<i>Arkansas .....</i>	<i>Little Rock Air Force Base .....</i>	<i>\$20,000,000</i>
<i>Colorado .....</i>	<i>Buckley Air Force Base .....</i>	<i>\$38,000,000</i>

**Air Force: Inside the United States—Continued**

<b>State</b>	<b>Installation or Location</b>	<b>Amount</b>
	<i>Fort Carson</i> .....	\$13,000,000
	<i>U.S. Air Force Academy</i> .....	\$30,000,000
<i>Florida</i> .....	<i>Eglin Air Force Base</i> .....	\$90,700,000
	<i>MacDill Air Force Base</i> .....	\$8,100,000
	<i>Tyndall Air Force Base</i> .....	\$17,000,000
<i>Georgia</i> .....	<i>Robins Air Force Base</i> .....	\$9,800,000
<i>Kansas</i> .....	<i>McConnell Air Force Base</i> .....	\$17,500,000
<i>Maryland</i> .....	<i>Joint Base Andrews</i> .....	\$271,500,000
<i>Nevada</i> .....	<i>Nellis Air Force Base</i> .....	\$61,000,000
<i>New Mexico</i> .....	<i>Cannon Air Force Base</i> .....	\$42,000,000
	<i>Holloman Air Force Base</i> .....	\$4,250,000
	<i>Kirtland Air Force Base</i> .....	\$9,300,000
<i>North Dakota</i> .....	<i>Minot Air Force Base</i> .....	\$27,000,000
<i>Ohio</i> .....	<i>Wright-Patterson Air Force Base</i> .....	\$6,800,000
<i>Oklahoma</i> .....	<i>Altus Air Force Base</i> .....	\$20,900,000
<i>Texas</i> .....	<i>Joint Base San Antonio</i> .....	\$156,630,000
<i>Utah</i> .....	<i>Hill Air Force Base</i> .....	\$28,000,000
<i>Wyoming</i> .....	<i>F.E. Warren Air Force Base</i> .....	\$62,000,000

1           (b) *OUTSIDE THE UNITED STATES.*—Using amounts  
2 appropriated pursuant to the authorization of appropria-  
3 tions in section 2304(a) and available for military con-  
4 struction projects outside the United States as specified in  
5 the funding table in section 4601, the Secretary of the Air  
6 Force may acquire real property and carry out military  
7 construction projects for the installation or location outside  
8 the United States, and in the amounts, set forth in the fol-  
9 lowing table:

**Air Force: Outside the United States**

<b>Country</b>	<b>Installation or Location</b>	<b>Amount</b>
<i>Australia</i> .....	<i>Darwin</i> .....	\$76,000,000
<i>Italy</i> .....	<i>Aviano Air Base</i> .....	\$27,325,000
<i>Qatar</i> .....	<i>Al Udeid</i> .....	\$15,000,000
<i>Turkey</i> .....	<i>Incirlik Air Base</i> .....	\$25,997,000
<i>United Kingdom</i> .....	<i>RAF Fairford</i> .....	\$45,650,000
	<i>RAF Lakenheath</i> .....	\$136,992,000
<i>Worldwide Unspecified</i> .....	<i>Unspecified Worldwide Locations</i> ...	\$325,390,000

1 **SEC. 2302. FAMILY HOUSING.**

2 *Using amounts appropriated pursuant to the author-*  
3 *ization of appropriations in section 2304(a) and available*  
4 *for military family housing functions as specified in the*  
5 *funding table in section 4601, the Secretary of the Air Force*  
6 *may carry out architectural and engineering services and*  
7 *construction design activities with respect to the construc-*  
8 *tion or improvement of family housing units in an amount*  
9 *not to exceed \$4,445,000.*

10 **SEC. 2303. IMPROVEMENTS TO MILITARY FAMILY HOUSING**  
11 **UNITS.**

12 *Subject to section 2825 of title 10, United States Code,*  
13 *and using amounts appropriated pursuant to the author-*  
14 *ization of appropriations in section 2304(a) and available*  
15 *for military family housing functions as specified in the*  
16 *funding table in section 4601, the Secretary of the Air Force*  
17 *may improve existing military family housing units in an*  
18 *amount not to exceed \$80,617,000.*

19 **SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR**  
20 **FORCE.**

21 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
22 *hereby authorized to be appropriated for fiscal years begin-*  
23 *ning after September 30, 2017, for military construction,*  
24 *land acquisition, and military family housing functions of*  
25 *the Department of the Air Force, as specified in the funding*  
26 *table in section 4601.*

1       (b) *LIMITATION ON TOTAL COST OF CONSTRUCTION*  
2 *PROJECTS.*—*Notwithstanding the cost variations author-*  
3 *ized by section 2853 of title 10, United States Code, and*  
4 *any other cost variation authorized by law, the total cost*  
5 *of all projects carried out under section 2301 of this Act*  
6 *may not exceed the total amount authorized to be appro-*  
7 *priated under subsection (a), as specified in the funding*  
8 *table in section 4601.*

9 **SEC. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT**  
10 **CERTAIN FISCAL YEAR 2017 PROJECTS.**

11       (a) *HANSCOM AIR FORCE BASE.*—*In the case of the*  
12 *authorization contained in the table in section 2301(a) of*  
13 *the Military Construction Authorization Act for Fiscal Year*  
14 *2017 (division B of Public Law 114–328; 130 Stat. 2696)*  
15 *for Hanscom Air Force Base, Massachusetts, for construc-*  
16 *tion of a gate complex at the installation, the Secretary of*  
17 *the Air Force may construct a visitor control center of 187*  
18 *square meters, a traffic check house of 294 square meters,*  
19 *and an emergency power generator system and transfer*  
20 *switch consistent with the Air Force’s construction guide-*  
21 *lines.*

22       (b) *MARIANA ISLANDS.*—*In the case of the authoriza-*  
23 *tion contained in the table in section 2301(b) of the Mili-*  
24 *tary Construction Authorization Act for Fiscal Year 2017*  
25 *(division B of Public Law 114–328; 130 Stat. 2697) for*

1 *acquiring 142 hectares of land at an unspecified location*  
2 *in the Mariana Islands, the Secretary of the Air Force may*  
3 *purchase 142 hectares of land on Tinian in the Northern*  
4 *Mariana Islands for a cost of \$21,900,000.*

5       (c) *CHABELLEY AIRFIELD.—In the case of the author-*  
6 *ization contained in the table in section 2902 of the Mili-*  
7 *tary Construction Authorization Act for Fiscal Year 2017*  
8 *(division B of Public Law 114–328; 130 Stat. 2743) for*  
9 *Chabelley Airfield, Djibouti, for construction of a parking*  
10 *apron and taxiway at that location, the Secretary of the*  
11 *Air Force may construct 20,490 square meters of taxiway*  
12 *and apron, 8,230 square meters of paved shoulders, 10,650*  
13 *square meters of hangar pads, and 3,900 square meters of*  
14 *cargo apron.*

15       (d) *SCOTT AIR FORCE BASE.—The table in section*  
16 *4601 of the Military Construction Authorization Act for*  
17 *Fiscal Year 2017 (division B of Public Law 114–328; 130*  
18 *Stat. 2877) is amended in the item relating to Scott Air*  
19 *Force Base, Illinois, by striking “Consolidated Corrosion*  
20 *Facility add/alter” in the project title column and inserting*  
21 *“Consolidated Communication Facility add/alter”.*

22 **SEC. 2306. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
23 **FISCAL YEAR 2015 PROJECTS.**

24       (a) *EXTENSION.—Notwithstanding section 2002 of the*  
25 *Military Construction Authorization Act for Fiscal Year*

1 2015 (division B of Public Law 113–291; 128 Stat. 3669),  
 2 the authorizations set forth in the table in subsection (b),  
 3 as provided in section 2301 of that Act (128 Stat. 3679),  
 4 shall remain in effect until October 1, 2018, or the date  
 5 of the enactment of an Act authorizing funds for military  
 6 construction for fiscal year 2019, whichever is later.

7 (b) TABLE.—The table referred to in subsection (a) is  
 8 as follows:

**Air Force: Extension of 2015 Project Authorizations**

<b>State or Country</b>	<b>Installation or Location</b>	<b>Project</b>	<b>Amount</b>
Alaska .....	Clear Air Force Station	Emergency Power Plant Fuel Storage	\$11,500,000
Oklahoma .....	Tinker Air Force Base ....	KC-46 Two-Bay Maintenance Hang- ar .....	\$63,000,000

9 **TITLE XXIV—DEFENSE AGEN-**  
 10 **CIES MILITARY CONSTRUC-**  
 11 **TION**

12 **SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRUC-**  
 13 **TION AND LAND ACQUISITION PROJECTS.**

14 (a) *INSIDE THE UNITED STATES.*—Using amounts ap-  
 15 propriated pursuant to the authorization of appropriations  
 16 in section 2403(a) and available for military construction  
 17 projects inside the United States as specified in the funding  
 18 table in section 4601, the Secretary of Defense may acquire  
 19 real property and carry out military construction projects  
 20 for the installations or locations inside the United States,  
 21 and in the amounts, set forth in the following table:

**Defense Agencies: Inside the United States**

<b>State</b>	<b>Installation or Location</b>	<b>Amount</b>
California .....	Camp Pendleton .....	\$43,642,000
	Coronado .....	\$258,735,000
Colorado .....	Schriever Air Force Base .....	\$10,200,000
Florida .....	Eglin Air Force Base .....	\$9,100,000
	Hurlburt Field .....	\$46,400,000
Georgia .....	Fort Gordon .....	\$10,350,000
Hawaii .....	Kunua .....	\$5,000,000
Missouri .....	Fort Leonard Wood .....	\$261,941,000
	St. Louis .....	\$381,000,000
New Mexico .....	Cannon Air Force Base .....	\$8,228,000
North Carolina .....	Camp Lejeune .....	\$90,039,000
	Fort Bragg .....	\$57,778,000
	Seymour Johnson Air Force Base .....	\$20,000,000
South Carolina .....	Shaw Air Force Base .....	\$22,900,000
Texas .....	Fort Bliss .....	\$8,300,000
Utah .....	Hill Air Force Base .....	\$20,000,000
Virginia .....	Joint Expeditionary Base Little Creek - Story	\$23,000,000
	Norfolk .....	\$18,500,000
	Pentagon .....	\$50,100,000
	Portsmouth .....	\$22,500,000
Worldwide Unspec- ified .....	Unspecified Worldwide Locations .....	\$64,364,000

1           (b) *OUTSIDE THE UNITED STATES.*—Using amounts  
2 appropriated pursuant to the authorization of appropri-  
3 ations in section 2403(a) and available for military con-  
4 struction projects outside the United States as specified in  
5 the funding table in section 3002, the Secretary of Defense  
6 may acquire real property and carry out military construc-  
7 tion projects for the installations or locations outside the  
8 United States, and in the amounts, set forth in the following  
9 table:

**Defense Agencies: Outside the United States**

<b>Country</b>	<b>Installation or Location</b>	<b>Amount</b>
Germany .....	Spangdahlem Air Base .....	\$79,141,000
	Stuttgart .....	\$46,609,000
Greece .....	Souda Bay .....	\$18,100,000
Guam .....	Andersen Air Force Base .....	\$23,900,000
Italy .....	Signonella .....	\$22,400,000
	Vicenza .....	\$62,406,000
Japan .....	Iwakuni .....	\$30,800,000
	Kadena Air Base .....	\$27,573,000
	Okinawa .....	\$11,900,000
	Sasebo .....	\$45,600,000

*Defense Agencies: Outside the United States—Continued*

<b>Country</b>	<b>Installation or Location</b>	<b>Amount</b>
	<i>Torii Commo Station .....</i>	<i>\$25,323,000</i>
<i>Puerto Rico .....</i>	<i>Punta Borinquen .....</i>	<i>\$61,071,000</i>
<i>United Kingdom ..</i>	<i>Menwith Hill Station .....</i>	<i>\$11,000,000</i>

1 **SEC. 2402. AUTHORIZED ENERGY CONSERVATION**  
2 **PROJECTS.**

3 *Using amounts appropriated pursuant to the author-*  
4 *ization of appropriations in section 2403(a) and available*  
5 *for energy conservation projects as specified in the funding*  
6 *table in section 4601, the Secretary of Defense may carry*  
7 *out energy conservation projects under chapter 173 of title*  
8 *10, United States Code, in the amount set forth in the table.*

9 **SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DEFENSE**  
10 **AGENCIES.**

11 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
12 *hereby authorized to be appropriated for fiscal years begin-*  
13 *ning after September 30, 2017, for military construction,*  
14 *land acquisition, and military family housing functions of*  
15 *the Department of Defense (other than the military depart-*  
16 *ments), as specified in the funding table in section 4601.*

17 *(b) LIMITATION ON TOTAL COST OF CONSTRUCTION*  
18 *PROJECTS.—Notwithstanding the cost variations author-*  
19 *ized by section 2853 of title 10, United States Code, and*  
20 *any other cost variation authorized by law, the total cost*  
21 *of all projects carried out under section 2401 of this Act*  
22 *may not exceed the total amount authorized to be appro-*

1 *priated under subsection (a), as specified in the funding*  
2 *table in section 4601.*

3 **SEC. 2404. MODIFICATION OF AUTHORITY TO CARRY OUT**  
4 **CERTAIN FISCAL YEAR 2017 PROJECT.**

5 *In the case of the authorization in the table in section*  
6 *2401(b) of the Military Construction Authorization Act for*  
7 *Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2700)*  
8 *for Kaiserslautern, Germany, for construction of the*  
9 *Sembach Elementary/Middle School Replacement, the Sec-*  
10 *retary of Defense may construct an elementary school.*

11 **SEC. 2405. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
12 **FISCAL YEAR 2014 PROJECTS.**

13 *(a) EXTENSION.—Notwithstanding section 2002 of the*  
14 *Military Construction Authorization Act for Fiscal Year*  
15 *2014 (division B of Public Law 113–66; 127 Stat. 985),*  
16 *the authorizations set forth in the table in subsection (b),*  
17 *as provided in section 2401 of that Act (127 Stat. 995) and*  
18 *extended by section 2406 of the Military Construction Au-*  
19 *thorization Act for Fiscal Year 2017 (division B of Public*  
20 *Law 114–328; 130 Stat. 2702), shall remain in effect until*  
21 *October 1, 2018, or the date of the enactment of an Act*  
22 *authorizing funds for military construction for fiscal year*  
23 *2019, whichever is later.*

24 *(b) TABLE.—The table referred to in subsection (a) is*  
25 *as follows:*

**Defense Agencies: Extension of 2014 Project Authorizations**

<b>State/Country</b>	<b>Installation or Location</b>	<b>Project</b>	<b>Amount</b>
<i>United Kingdom</i>	<i>RAF Lakenheath .....</i>	<i>Lakenheath Middle/High School Replacement .....</i>	\$69,638,000
<i>Virginia .....</i>	<i>Marine Corps Base Quantico .....</i>	<i>Quantico Middle/High School Replacement .....</i>	\$40,586,000
	<i>Pentagon .....</i>	<i>PFFPA Support Operations Center .....</i>	\$14,800,000

1 **SEC. 2406. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
2 **FISCAL YEAR 2015 PROJECTS.**

3 (a) *EXTENSION.*—Notwithstanding section 2002 of the  
4 *Military Construction Authorization Act for Fiscal Year*  
5 *2015 (division B of Public Law 113–291; 128 Stat. 3669),*  
6 *the authorizations set forth in the table in subsection (b),*  
7 *as provided in section 2401 of that Act (128 Stat. 3681),*  
8 *shall remain in effect until October 1, 2018, or the date*  
9 *of the enactment of an Act authorizing funds for military*  
10 *construction for fiscal year 2019, whichever is later.*

11 (b) *TABLE.*—The table referred to in subsection (a) is  
12 *as follows:*

**Defense Agencies: Extension of 2015 Project Authorizations**

<b>State/Country</b>	<b>Installation or Location</b>	<b>Project</b>	<b>Amount</b>
<i>Australia .....</i>	<i>Geraldton .....</i>	<i>Combined Communications Gateway Geraldton .....</i>	\$9,600,000
<i>Belgium .....</i>	<i>Brussels .....</i>	<i>Brussels Elementary/High School Replacement .....</i>	\$41,626,000
<i>Japan .....</i>	<i>Okinawa .....</i>	<i>Kubasaki High School Replacement/Renovation .....</i>	\$99,420,000
	<i>Sasebo .....</i>	<i>E.J. King High School Replacement/Renovation ...</i>	\$37,681,000
<i>Mississippi .....</i>	<i>Stennis .....</i>	<i>SOF Land Acquisition Western Maneuver Area .....</i>	\$17,224,000

**Defense Agencies: Extension of 2015 Project Authorizations—**  
*Continued*

<b>State/Country</b>	<b>Installation or Location</b>	<b>Project</b>	<b>Amount</b>
New Mexico .....	Cannon Air Force Base ..	SOF Squadron Operations Facility (STS) .....	\$23,333,000
Virginia .....	Defense Distribution Depot Richmond .....	Replace Access Control Point .....	\$5,700,000
	Joint Base Langley-Eustis .....	Hospital Addition/Central Utility Plant Replacement	\$41,200,000
	Pentagon .....	Redundant Chilled Water Loop .....	\$15,100,000

1       **TITLE XXV—INTERNATIONAL**  
2                       **PROGRAMS**  
3       **Subtitle A—North Atlantic Treaty**  
4                       **Organization Security Invest-**  
5                       **ment Program**

6       **SEC. 2501. AUTHORIZED NATO CONSTRUCTION AND LAND**  
7                       **ACQUISITION PROJECTS.**

8           *The Secretary of Defense may make contributions for*  
9       *the North Atlantic Treaty Organization Security Invest-*  
10       *ment Program as provided in section 2806 of title 10,*  
11       *United States Code, in an amount not to exceed the sum*  
12       *of the amount authorized to be appropriated for this pur-*  
13       *pose in section 2502 and the amount collected from the*  
14       *North Atlantic Treaty Organization as a result of construc-*  
15       *tion previously financed by the United States.*

16       **SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.**

17           *Funds are hereby authorized to be appropriated for fis-*  
18       *cal years beginning after September 30, 2017, for contribu-*

1 tions by the Secretary of Defense under section 2806 of title  
 2 10, United States Code, for the share of the United States  
 3 of the cost of projects for the North Atlantic Treaty Organi-  
 4 zation Security Investment Program authorized by section  
 5 2501 as specified in the funding table in section 4601.

6 **Subtitle B—Host Country In-kind**  
 7 **Contributions**

8 **SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION**  
 9 **PROJECTS.**

10 Pursuant to agreement with the Republic of Korea for  
 11 required in-kind contributions, the Secretary of Defense  
 12 may accept military construction projects for the installa-  
 13 tions or locations, and in the amounts, set forth in the fol-  
 14 lowing table:

**Republic of Korea Funded Construction Projects**

<b>Country</b>	<b>Component</b>	<b>Installation or Location</b>	<b>Project</b>	<b>Amount</b>
<i>Korea</i> .....	<i>Army</i> .....	<i>Camp Hum- phreys</i> .....	<i>Unaccompanied Enlisted Per- sonnel Housing, Phase 1</i> .....	\$76,000,000
	<i>Army</i> .....	<i>Camp Hum- phreys</i> .....	<i>Type I Aircraft Parking Apron</i>	\$10,000,000
	<i>Air Force</i> .....	<i>Kunsan Air Base</i> .....	<i>Construct Airfield Damage Repair Warehouse</i> .....	\$6,500,000
	<i>Air Force</i> .....	<i>Osan Air Base</i>	<i>Main Gate Entry Control Facili- ties</i> .....	\$13,000,000

1 **SEC. 2512. MODIFICATION OF AUTHORITY TO CARRY OUT**  
2 **CERTAIN FISCAL YEAR 2017 PROJECTS.**

3 (a) *CAMP HUMPHREYS.*—*In the case of the authoriza-*  
4 *tion contained in the table in section 2511 of the Military*  
5 *Construction Authorization Act for Fiscal Year 2017 (divi-*  
6 *sion B of Public Law 114–328; 130 Stat. 2704) for Camp*  
7 *Humphreys, Republic of Korea, for construction of the 8th*  
8 *Army Correctional Facility, the Secretary of Defense may*  
9 *construct a level 1 correctional facility of 26,000 square feet*  
10 *and a utility and tool storage building of 400 square feet.*

11 (b) *K–16 AIR BASE.*—*In the case of the authorization*  
12 *contained in the table in section 2511 of the Military Con-*  
13 *struction Authorization Act for Fiscal Year 2017 (division*  
14 *B of Public Law 114–328; 130 Stat. 2704) for the K–16*  
15 *Air Base, Republic of Korea, for renovation of the Special*  
16 *Operations Forces (SOF) Operations Facility, B–606, the*  
17 *Secretary of Defense may renovate an operations adminis-*  
18 *tration area of 5,500 square meters.*

1           **TITLE XXVI—GUARD AND**  
 2           **RESERVE FORCES FACILITIES**  
 3       **Subtitle A—Project Authorizations**  
 4           **and Authorization of Appropria-**  
 5           **tions**

6       **SEC. 2601. AUTHORIZED ARMY NATIONAL GUARD CON-**  
 7                       **STRUCTION AND LAND ACQUISITION**  
 8                       **PROJECTS.**

9           *Using amounts appropriated pursuant to the author-*  
 10 *ization of appropriations in section 2606 and available for*  
 11 *the National Guard and Reserve as specified in the funding*  
 12 *table in section 4601, the Secretary of the Army may ac-*  
 13 *quire real property and carry out military construction*  
 14 *projects for the Army National Guard locations inside the*  
 15 *United States, and in the amounts, set forth in the following*  
 16 *table:*

**Army National Guard**

<b>State</b>	<b>Location</b>	<b>Amount</b>
<i>Delaware</i> .....	<i>New Castle</i> .....	<i>\$36,000,000</i>
<i>Idaho</i> .....	<i>Mission Training Center Gowen</i> .....	<i>\$9,000,000</i>
	<i>Orchard Training Area</i> .....	<i>\$22,000,000</i>
<i>Iowa</i> .....	<i>Camp Dodge</i> .....	<i>\$8,500,000</i>
<i>Kansas</i> .....	<i>Fort Leavenworth</i> .....	<i>\$19,000,000</i>
<i>Maine</i> .....	<i>Presque Isle</i> .....	<i>\$17,500,000</i>
<i>Maryland</i> .....	<i>Sykesville</i> .....	<i>\$19,000,000</i>
<i>Minnesota</i> .....	<i>Arden Hills</i> .....	<i>\$39,000,000</i>
<i>Missouri</i> .....	<i>Springfield</i> .....	<i>\$32,000,000</i>
<i>New Mexico</i> .....	<i>Las Cruces</i> .....	<i>\$8,600,000</i>
<i>Virginia</i> .....	<i>Fort Belvoir</i> .....	<i>\$15,000,000</i>
	<i>Fort Pickett</i> .....	<i>\$4,550,000</i>
<i>Washington</i> .....	<i>Tumwater</i> .....	<i>\$31,000,000</i>

1 **SEC. 2602. AUTHORIZED ARMY RESERVE CONSTRUCTION**  
 2 **AND LAND ACQUISITION PROJECTS.**

3 *Using amounts appropriated pursuant to the author-*  
 4 *ization of appropriations in section 2606 and available for*  
 5 *the National Guard and Reserve as specified in the funding*  
 6 *table in section 4601, the Secretary of the Army may ac-*  
 7 *quire real property and carry out military construction*  
 8 *projects for the Army Reserve locations inside the United*  
 9 *States, and in the amounts, set forth in the following table:*

**Army Reserve**

<b>State</b>	<b>Location</b>	<b>Amount</b>
<i>California .....</i>	<i>Fallbrook .....</i>	<i>\$36,000,000</i>
<i>Delaware .....</i>	<i>Newark .....</i>	<i>\$19,500,000</i>
<i>Ohio .....</i>	<i>Wright-Patterson Air Force Base .....</i>	<i>\$9,100,000</i>
<i>Puerto Rico .....</i>	<i>Aguadilla .....</i>	<i>\$12,400,000</i>
<i>Washington .....</i>	<i>Joint Base Lewis-McChord .....</i>	<i>\$30,000,000</i>
<i>Wisconsin .....</i>	<i>Fort McCoy .....</i>	<i>\$13,000,000</i>

10 **SEC. 2603. AUTHORIZED NAVY RESERVE AND MARINE**  
 11 **CORPS RESERVE CONSTRUCTION AND LAND**  
 12 **ACQUISITION PROJECTS.**

13 *Using amounts appropriated pursuant to the author-*  
 14 *ization of appropriations in section 2606 and available for*  
 15 *the National Guard and Reserve as specified in the funding*  
 16 *table in section 4601, the Secretary of the Navy may ac-*  
 17 *quire real property and carry out military construction*  
 18 *projects for the Navy Reserve and Marine Corps Reserve*  
 19 *locations inside the United States, and in the amounts, set*  
 20 *forth in the following table:*

**Navy Reserve and Marine Corps Reserve**

<b>State</b>	<b>Location</b>	<b>Amount</b>
California .....	Lemoore .....	\$17,330,000
Georgia .....	Fort Gordon .....	\$17,797,000
New Jersey .....	Joint Base McGuire-Dix-Lakehurst .....	\$11,573,000
Texas .....	Fort Worth .....	\$12,637,000

1 **SEC. 2604. AUTHORIZED AIR NATIONAL GUARD CONSTRUCTION AND LAND ACQUISITION PROJECTS.**

2  
3       *Using amounts appropriated pursuant to the author-*  
4 *ization of appropriations in section 2606 and available for*  
5 *the National Guard and Reserve as specified in the funding*  
6 *table in section 4601, the Secretary of the Air Force may*  
7 *acquire real property and carry out military construction*  
8 *projects for the Air National Guard locations inside the*  
9 *United States, and in the amounts, set forth in the following*  
10 *table:*

**Air National Guard**

<b>State</b>	<b>Location</b>	<b>Amount</b>
California .....	March Air Force Base .....	\$15,000,000
Colorado .....	Peterson Air Force Base .....	\$8,000,000
Connecticut .....	Bradley IAP .....	\$7,000,000
Indiana .....	Hulman Regional Airport .....	\$8,000,000
Kentucky .....	Louisville IAP .....	\$9,000,000
Mississippi .....	Jackson International Airport .....	\$8,000,000
Missouri .....	Rosecrans Memorial Airport .....	\$10,000,000
New York .....	Hancock Field .....	\$6,800,000
Ohio .....	Toledo Express Airport .....	\$15,000,000
Oklahoma .....	Tulsa International Airport .....	\$8,000,000
Oregon .....	Klamath Falls IAP .....	\$18,500,000
South Dakota .....	Joe Foss Field .....	\$12,000,000
Tennessee .....	McGhee-Tyson Airport .....	\$25,000,000

11 **SEC. 2605. AUTHORIZED AIR FORCE RESERVE CONSTRUCTION AND LAND ACQUISITION PROJECTS.**

12  
13       *(a) LOCATIONS INSIDE THE UNITED STATES.—Using*  
14 *amounts appropriated pursuant to the authorization of ap-*

1 *propriations in section 2606 and available for the National*  
 2 *Guard and Reserve as specified in the funding table in sec-*  
 3 *tion 4601, the Secretary of the Air Force may acquire real*  
 4 *property and carry out military construction projects for*  
 5 *the Air Force Reserve locations inside the United States,*  
 6 *and in the amounts, set forth in the following table:*

***Air Force Reserve: Inside the United States***

<b><i>State</i></b>	<b><i>Location</i></b>	<b><i>Amount</i></b>
<i>Florida</i> .....	<i>Patrick Air Force Base</i> .....	<i>\$25,000,000</i>
<i>Georgia</i> .....	<i>Robins Air Force Base</i> .....	<i>\$32,000,000</i>
<i>Hawaii</i> .....	<i>Joint Base Pearl Harbor-Hickam</i> .....	<i>\$5,500,000</i>
<i>Utah</i> .....	<i>Hill Air Force Base</i> .....	<i>\$3,100,000</i>
<i>Massachusetts</i> .....	<i>Westover Air Reserve Base</i> .....	<i>\$61,100,000</i>
<i>Minnesota</i> .....	<i>Minneapolis-St. Paul International Air-</i> <i>port.</i>	<i>\$9,000,000</i>
<i>North Carolina</i> .....	<i>Seymour Johnson Air Force Base</i> .....	<i>\$6,400,000</i>
<i>Texas</i> .....	<i>Naval Air Station Joint Reserve Base</i> <i>Fort Worth.</i>	<i>\$3,100,000</i>

7 (b) *LOCATIONS OUTSIDE THE UNITED STATES.—*  
 8 *Using amounts appropriated pursuant to the authorization*  
 9 *of appropriations in section 2606 and available for the Na-*  
 10 *tional Guard and Reserve as specified in the funding table*  
 11 *in section 4601, the Secretary of the Air Force may acquire*  
 12 *real property and carry out military construction projects*  
 13 *for the Air Force Reserve location outside the United States,*  
 14 *and in the amount, set forth in the following table:*

***Air Force Reserve: Outside the United States***

<b><i>Country</i></b>	<b><i>Location</i></b>	<b><i>Amount</i></b>
<i>Guam</i> .....	<i>Joint Region Marianas</i> .....	<i>\$5,200,000</i>

1 **SEC. 2606. AUTHORIZATION OF APPROPRIATIONS, NA-**  
2 **TIONAL GUARD AND RESERVE.**

3 *Funds are hereby authorized to be appropriated for fis-*  
4 *cal years beginning after September 30, 2017, for the costs*  
5 *of acquisition, architectural and engineering services, and*  
6 *construction of facilities for the Guard and Reserve Forces,*  
7 *and for contributions therefor, under chapter 1803 of title*  
8 *10, United States Code (including the cost of acquisition*  
9 *of land for those facilities), as specified in the funding table*  
10 *in section 4601.*

11 ***Subtitle B—Other Matters***

12 **SEC. 2611. MODIFICATION OF AUTHORITY TO CARRY OUT**  
13 **CERTAIN FISCAL YEAR 2015 PROJECT.**

14 *In the case of the authorization contained in the table*  
15 *in section 2602 of the Military Construction Authorization*  
16 *Act for Fiscal Year 2015 (division B of Public Law 113–*  
17 *291; 128 Stat. 3688) for Starkville, Mississippi, for con-*  
18 *struction of an Army Reserve Center at that location, the*  
19 *Secretary of the Army may acquire approximately fifteen*  
20 *acres (653,400 square feet) of land.*

21 **SEC. 2612. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
22 **FISCAL YEAR 2014 PROJECTS.**

23 *(a) EXTENSION.—Notwithstanding section 2002 of the*  
24 *Military Construction Authorization Act for Fiscal Year*  
25 *2014 (division B of Public Law 113–66; 127 Stat. 985),*  
26 *the authorizations set forth in the table in subsection (b),*

1 as provided in section 2602, 2604, and 2605 of that Act  
 2 (127 Stat. 1001, 1002), shall remain in effect until October  
 3 1, 2018, or the date of the enactment of an Act authorizing  
 4 funds for military construction for fiscal year 2019, which-  
 5 ever is later.

6 (b) *TABLE.*—The table referred to in subsection (a) is  
 7 as follows:

**National Guard and Reserve: Extension of 2014 Project  
 Authorizations**

<i>State</i>	<i>Installation or Loca- tion</i>	<i>Project</i>	<i>Amount</i>
<i>Florida</i> .....	<i>Homestead Air Reserve Base</i> .....	<i>Entry Control Com- plex</i> .....	\$9,800,000
<i>Maryland</i> .....	<i>Fort Meade</i> .....	<i>175th Network War- fare Squadron Fa- cility</i> .....	\$4,000,000
<i>New York</i> .....	<i>Bullville</i> .....	<i>Army Reserve Center</i>	\$14,500,000

8 **SEC. 2613. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 9 **FISCAL YEAR 2015 PROJECTS.**

10 (a) *EXTENSION.*—Notwithstanding section 2002 of the  
 11 *Military Construction Authorization Act for Fiscal Year*  
 12 *2015* (division B of Public Law 113–291; 128 Stat. 3669),  
 13 the authorizations set forth in the table in subsection (b),  
 14 as provided in sections 2602 and 2604 of that Act (128  
 15 Stat. 3688, 3689), shall remain in effect until October 1,  
 16 2018, or the date of the enactment of an Act authorizing  
 17 funds for military construction for fiscal year 2019, which-  
 18 ever is later.

19 (b) *TABLE.*—The table referred to in subsection (a) is  
 20 as follows:

**Army Reserve: Extension of 2015 Project Authorizations**

<b>State</b>	<b>Location</b>	<b>Project</b>	<b>Amount</b>
Mississippi .....	Starkville .....	Army Reserve Center	\$9,300,000
New Hampshire	Pease International Trade Port .....	KC-46A ADAL Air- field Pavements and Hydrant Systems ...	\$7,100,000

1 **TITLE XXVII—BASE REALIGN-**  
2 **MENT AND CLOSURE ACTIVI-**  
3 **TIES**

4 **SEC. 2701. AUTHORIZATION OF APPROPRIATIONS FOR BASE**  
5 **REALIGNMENT AND CLOSURE ACTIVITIES**  
6 **FUNDED THROUGH DEPARTMENT OF DE-**  
7 **FENSE BASE CLOSURE ACCOUNT.**

8 *Funds are hereby authorized to be appropriated for fis-*  
9 *cal years beginning after September 30, 2017, for base re-*  
10 *alignment and closure activities, including real property*  
11 *acquisition and military construction projects, as author-*  
12 *ized by the Defense Base Closure and Realignment Act of*  
13 *1990 (part A of title XXIX of Public Law 101–510; 10*  
14 *U.S.C. 2687 note) and funded through the Department of*  
15 *Defense Base Closure Account established by section 2906*  
16 *of such Act (as amended by section 2711 of the Military*  
17 *Construction Authorization Act for Fiscal Year 2013 (divi-*  
18 *sion B of Public Law 112–239; 126 Stat. 2140)), as speci-*  
19 *fied in the funding table in section 4601.*

1 **SEC. 2702. PROHIBITION ON CONDUCTING ADDITIONAL**  
2 **BASE REALIGNMENT AND CLOSURE (BRAC)**  
3 **ROUND.**

4 *Nothing in this Act shall be construed to authorize an*  
5 *additional Base Realignment and Closure (BRAC) round.*

6 **TITLE XXVIII—MILITARY CON-**  
7 **STRUCTION AND GENERAL**  
8 **PROVISIONS**

9 **Subtitle A—Military Construction**  
10 **Program and Military Family**  
11 **Housing Changes**

12 **SEC. 2801. AUTHORITY TO USE EXPIRING FUNDS FOR CER-**  
13 **TAIN MILITARY CONSTRUCTION PROJECTS.**

14 *(a) ARMY AUTHORITY TO PURCHASE PROPERTY FOR*  
15 *EXPANSION OF CEMETERIES.—Subchapter I of chapter 169*  
16 *of title 10, United States Code, is amended by adding at*  
17 *the end the following new section:*

18 **“§2815. Army authority to use expiring funds to pur-**  
19 **chase property for expansion of cemeteries**

20 *“Of funds appropriated after the date of the enactment*  
21 *of this Act for the Army that remain unobligated and are*  
22 *due to expire at the end of the fiscal year, up to \$10,000,000*  
23 *may be available for the Secretary of the Army for the fol-*  
24 *lowing fiscal year to purchase public or private property*  
25 *for the sole purpose of long-term expansion of cemeteries*  
26 *under the jurisdiction of the Secretary.”.*

1       **(b) NAVY AUTHORITY TO PURCHASE PROPERTY FOR**  
 2 *ENHANCING INSTALLATION SECURITY.*—*Subchapter I of*  
 3 *chapter 169 of title 10, United States Code, as amended*  
 4 *by subsection (a), is further amended by adding at the end*  
 5 *the following new section:*

6       **“§2816. Navy authority to use expiring funds to pur-**  
 7                   **chase property for enhancing installation**  
 8                   **security**

9       *“Of funds appropriated after the date of the enactment*  
 10 *of this Act for the Navy that remain unobligated and are*  
 11 *due to expire at the end of the fiscal year, up to \$10,000,000*  
 12 *may be available for the Secretary of the Navy for the fol-*  
 13 *lowing fiscal year to purchase public or private property*  
 14 *that is otherwise in an area surrounded by a military in-*  
 15 *stallation under the jurisdiction of the Secretary of the*  
 16 *Navy for the purpose of enhancing the security of the instal-*  
 17 *lation.”.*

18       **(c) CLERICAL AMENDMENT.**—*The table of sections at*  
 19 *the beginning of such subchapter is amended by inserting*  
 20 *after the item relating to section 2814 the following new*  
 21 *items:*

“2815. Army authority to use expiring funds to purchase property for expansion  
 of cemeteries.

“2816. Navy authority to use expiring funds to purchase property for enhancing  
 installation security.”.

1 **SEC. 2802. EXTENSION OF TEMPORARY, LIMITED AUTHOR-**  
2 **ITY TO USE OPERATION AND MAINTENANCE**  
3 **FUNDS FOR CONSTRUCTION PROJECTS IN**  
4 **CERTAIN AREAS OUTSIDE THE UNITED**  
5 **STATES.**

6 (a) *EXTENSION OF AUTHORITY.*—Subsection (h) of sec-  
7 tion 2808 of the Military Construction Authorization Act  
8 for Fiscal Year 2004 (division B of Public Law 108–136;  
9 117 Stat. 1723), as most recently amended by section 2804  
10 of the Military Construction Authorization Act for Fiscal  
11 Year 2017 (Public Law 114–328), is amended—

12 (1) in paragraph (1), by striking “December 31,  
13 2017” and inserting “December 31, 2018”; and

14 (2) in paragraph (2), by striking “fiscal year  
15 2018” and inserting “fiscal year 2019”.

16 (b) *LIMITATION ON USE OF AUTHORITY.*—Subsection  
17 (c)(1) of such section 2808 is amended—

18 (1) by striking “October 1, 2016” and inserting  
19 “October 1, 2017”;

20 (2) by striking “December 31, 2017” and insert-  
21 ing “December 31, 2018”; and

22 (3) by striking “fiscal year 2018” and inserting  
23 “fiscal year 2019”.

24 **SEC. 2803. AUTHORIZED COST INCREASES.**

25 Section 2853 of title 10, United States Code, is amend-  
26 ed—

1           (1) *in subsection (a), by inserting “by not more*  
2 *than 10 percent” after “may be increased”; and*

3           (2) *in subsection (c)—*

4                 (A) *by striking “limitation on cost vari-*  
5 *ations” and inserting “limitation on cost de-*  
6 *creases”; and*

7                 (B) *in paragraph (1)—*

8                     (i) *by striking “case of a cost increase*  
9 *or a reduction” and inserting “case of a re-*  
10 *duction”; and*

11                    (ii) *in subparagraph (A)—*

12                         (I) *by striking “cost increase or*  
13 *reduction in scope, the reasons there-*  
14 *for,” and inserting “reduction in scope,*  
15 *the reasons therefor, and”; and*

16                         (II) *by striking “, and a descrip-*  
17 *tion of the funds proposed to be used to*  
18 *finance any increased costs”.*

1           ***Subtitle B—Real Property and***  
2           ***Facilities Administration***

3   ***SEC. 2811. AUTHORITY TO USE ENERGY COST SAVINGS FOR***  
4           ***ENERGY RESILIENCE, MISSION ASSURANCE,***  
5           ***AND WEATHER DAMAGE REPAIR AND PRE-***  
6           ***VENTION MEASURES.***

7           *Section 2912(b)(1) of title 10, United States Code, is*  
8           *amended by striking “energy conservation and” and insert-*  
9           *ing “energy resilience, mission assurance, weather damage*  
10          *repair and prevention, energy conservation, and”.*

11   ***SEC. 2812. MODIFICATION OF UNSPECIFIED MINOR MILI-***  
12          ***TARY CONSTRUCTION PROJECT AUTHORITY***  
13          ***TO COVER CORRECTION OF DEFICIENCIES***  
14          ***THAT ARE THREATS TO INSTALLATION RESIL-***  
15          ***IENCE.***

16          *Section 2805(a)(2) of title 10, United States Code, is*  
17          *amended by striking “or safety-threatening” and inserting*  
18          *“safety-threatening, or a threat to the military mission and*  
19          *installation’s resilience”.*

1 **SEC. 2813. LAND EXCHANGE VALUATION OF PROPERTY**  
2 **WITH REDUCED DEVELOPMENT THAT LIMITS**  
3 **ENCROACHMENT ON MILITARY INSTALLA-**  
4 **TIONS.**

5 (a) *IN GENERAL.*—Chapter 159 of title 10, United  
6 States Code, is amended by adding at the end the following  
7 new section:

8 **“§ 2698. Land exchange valuation of property with re-**  
9 **duced development that limits encroach-**  
10 **ment on military installations**

11 *“For purposes of calculating the fair market value of*  
12 *a parcel of real property to be conveyed to the Department*  
13 *of Defense as part of a land exchange, any reduction in*  
14 *value of the real property due to voluntary actions taken*  
15 *by the public or private owner of such property to limit*  
16 *encroachment on a military installation or otherwise limit*  
17 *development shall not be taken into account.”.*

18 (b) *CLERICAL AMENDMENT.*—The table of sections at  
19 the beginning of such chapter is amended by inserting after  
20 the item relating to section 2697 the following new item:

*“2698. Land exchange valuation of property with reduced development that limits  
encroachment on military installations.”.*

21 **SEC. 2814. ACCESS TO MILITARY INSTALLATIONS BY TRANS-**  
22 **PORTATION NETWORK COMPANIES.**

23 *Section 346 of the National Defense Authorization Act*  
24 *for Fiscal Year 2017 (Public Law 114–328) is amended—*

1           (1) *in the section heading, by inserting “**AND***  
2 ***TRANSPORTATION NETWORK COMPANIES”** after*  
3 *“**TRANSPORTATION COMPANIES”**;*

4           (2) *in subsections (b), (c), and (d), by inserting*  
5 *“or transportation network company” after “trans-*  
6 *portation company” each places it appears;*

7           (3) *in subsection (b)(7), by inserting “and trans-*  
8 *portation network companies” after “transportation*  
9 *companies”;* and

10          (4) *in subsection (d)—*

11           (A) *by redesignating paragraph (2) as*  
12 *paragraph (3);*

13           (B) *by striking paragraph (1) and inserting*  
14 *the following new paragraphs:*

15          “(1) *TRANSPORTATION COMPANY.—The term*  
16 *‘transportation company’ means a corporation, part-*  
17 *nership, sole proprietorship, or other entity outside of*  
18 *the Department of Defense that provides a commercial*  
19 *transportation service to a rider.*

20          “(2) *TRANSPORTATION NETWORK COMPANY.—*  
21 *The term ‘transportation network company’—*

22           (A) *means a corporation, partnership, sole*  
23 *proprietorship, or other entity, that uses a dig-*  
24 *ital network to connect riders to covered drivers*  
25 *in order for the driver to transport the rider*

1           *using a vehicle owned, leased, or otherwise au-*  
2           *thorized for use by the driver to a point chosen*  
3           *by the rider; and*

4           *“(B) does not include a shared-expense car-*  
5           *pool or vanpool arrangement that is not in-*  
6           *tended to generate profit for the driver.”; and*

7           *(C) in subparagraph (A)(i) of paragraph*  
8           *(3), as redesignated by subparagraph (A) of this*  
9           *paragraph, by inserting “or transportation net-*  
10          *work company” after “transportation company”.*

## 11           ***Subtitle C—Land Conveyances***

### 12           **SEC. 2821. LAND CONVEYANCE, NATICK SOLDIER SYSTEMS** 13           **CENTER, MASSACHUSETTS.**

14           *(a) CONVEYANCE AUTHORIZED.—The Secretary of the*  
15           *Army may convey all right, title, and interest of the United*  
16           *States in and to parcels of real property, including im-*  
17           *provements thereon, consisting of approximately 98 acres*  
18           *located in the vicinity of Hudson, Wayland, and Needham,*  
19           *Massachusetts, that are the sites of military family housing*  
20           *supporting military personnel assigned to the U.S. Army*  
21           *Natick Soldier Systems Center.*

22           *(b) COMPETITIVE SALE REQUIREMENT.—The Sec-*  
23           *retary shall use competitive procedures for the conveyance*  
24           *authorized under subsection (a).*

25           *(c) CONSIDERATION.—*

1           (1) *CONSIDERATION REQUIRED.*—*The Secretary*  
2 *shall require as consideration for the conveyance*  
3 *under subsection (a), whether by in-kind consider-*  
4 *ation, or a combination of cash and in-kind consider-*  
5 *ation, an amount that is not less than the fair market*  
6 *value of the conveyed property, as determined pursu-*  
7 *ant to an appraisal acceptable to the Secretary.*

8           (2) *IN-KIND CONSIDERATION.*—

9           (A) *IN GENERAL.*—*As determined by the*  
10 *Secretary, in-kind consideration under para-*  
11 *graph (1) shall include—*

12                   (i) *demolition of existing military fam-*  
13 *ily housing on the U.S. Army Natick Sol-*  
14 *dier Systems Center (other than housing on*  
15 *property conveyed under subsection (a))*  
16 *that the Secretary determines necessary to*  
17 *accommodate construction of military fam-*  
18 *ily housing or unaccompanied soldier hous-*  
19 *ing to support military personnel assigned*  
20 *to the U.S. Army Natick Soldier Systems*  
21 *Center;*

22                   (ii) *construction or renovation of mili-*  
23 *tary family housing or unaccompanied sol-*  
24 *dier housing, other than general officer*  
25 *housing, to support military personnel as-*

1           *signed to the U.S. Army Natick Soldier*  
2           *Systems Center; or*

3           *(iii) construction of ancillary sup-*  
4           *porting facilities (as that term is defined in*  
5           *section 2871(1) of title 10, United States*  
6           *Code) to support military personnel as-*  
7           *signed to the U.S. Army Natick Soldier*  
8           *Systems Center.*

9           *(B) IN-KIND CONSIDERATION EXCEEDING*  
10          *\$1,000,000.—If the value of in-kind consideration*  
11          *to be provided under this subsection exceeds*  
12          *\$1,000,000, the Secretary may not accept such*  
13          *consideration until 21 days after the date the*  
14          *Secretary notifies the congressional defense com-*  
15          *mittees of the decision of the Secretary to accept*  
16          *in-kind consideration in excess of that amount.*

17          *(3) CASH PAYMENTS.—*

18           *(A) CASH PAYMENTS DEPOSITED IN A SPE-*  
19           *CIAL ACCOUNT.—Cash payments provided as*  
20           *consideration under this subsection shall be de-*  
21           *posited in a special account in the Treasury es-*  
22           *tablished for the Secretary.*

23           *(B) USE OF FUNDS IN SPECIAL ACCOUNT.—*  
24           *The Secretary is authorized to use funds depos-*

1           *ited in the special account established under sub-*  
2           *paragraph (A) for—*

3                     *(i) demolition of existing military fam-*  
4                     *ily housing; or*

5                     *(ii) construction or renovation of mili-*  
6                     *tary family housing or unaccompanied sol-*  
7                     *dier housing to support military personnel.*

8           *(C) CASH CONSIDERATION NOT USED PRIOR*  
9           *TO OCTOBER 1, 2022.—Cash payments provided*  
10           *as consideration under this subsection that are*  
11           *received by the Secretary and not used by the*  
12           *Secretary for purposes authorized by subpara-*  
13           *graph (B) prior to October, 1, 2022, shall be*  
14           *transferred to an account in the Treasury estab-*  
15           *lished pursuant to section 2883 of title 10,*  
16           *United States Code.*

17           *(d) PAYMENT OF COSTS OF CONVEYANCE.—*

18                     *(1) PAYMENT REQUIRED.—The Secretary shall*  
19                     *require the party to whom property is conveyed under*  
20                     *subsection (a) (in this section referred to as the “pur-*  
21                     *chaser”)* to cover all costs to be incurred by the Sec-  
22                     *retary, or to reimburse the Secretary for costs in-*  
23                     *curring by the Secretary, to carry out the conveyance*  
24                     *under this section, including survey costs, costs for en-*  
25                     *vironmental documentation, and any other adminis-*

1        *trative costs related to the conveyance. If amounts are*  
2        *collected from the purchaser in advance of the Sec-*  
3        *retary incurring the actual costs, and the amount col-*  
4        *lected exceeds the costs actually incurred by the Sec-*  
5        *retary to carry out the conveyance, the Secretary shall*  
6        *refund the excess amount to the purchaser.*

7            (2) *TREATMENT OF AMOUNTS RECEIVED.—*  
8        *Amounts received under paragraph (1) as reimburse-*  
9        *ment for costs incurred by the Secretary to carry out*  
10       *the conveyance under subsection (a) shall be credited*  
11       *to the fund or account that was used to cover the costs*  
12       *incurred by the Secretary in carrying out the convey-*  
13       *ance, or to an appropriate fund or account currently*  
14       *available to the Secretary for the purposes for which*  
15       *the costs were paid. Amounts so credited shall be*  
16       *merged with amounts in such fund or account and*  
17       *shall be available for the same purposes, and subject*  
18       *to the same conditions and limitations, as amounts in*  
19       *such fund or account.*

20            (e) *DESCRIPTION OF PARCELS.—The exact acreage*  
21       *and legal description of the parcels to be conveyed under*  
22       *subsection (a) shall be determined by a survey that is satis-*  
23       *factory to the Secretary. The cost of the survey shall be borne*  
24       *by the purchaser.*

1       (f) *ADDITIONAL TERMS AND CONDITIONS.*—*The Sec-*  
2 *retary may require such additional terms and conditions*  
3 *in connection with the conveyance under subsection (a) as*  
4 *the Secretary considers appropriate to protect the interest*  
5 *of the United States.*

6       (g) *APPLICATION OF OTHER LAWS.*—*The conveyance*  
7 *of property under this section shall not be subject to—*

8           (1) *section 501 of the McKinney-Vento Homeless*  
9 *Assistance Act (42 U.S.C. 11411); and*

10           (2) *subtitle I of title 40, and division C (except*  
11 *section 3302, 3501(b), 3509, 3906, 4710, and 4711) of*  
12 *subtitle I of title 41, United States Code.*

13 **SEC. 2822. LAND CONVEYANCE, ARMY AND AIR FORCE EX-**  
14 **CHANGE SERVICE PROPERTY, DALLAS, TEXAS.**

15       (a) *CONVEYANCE AUTHORIZED.*—*The Secretary of De-*  
16 *fense may authorize the Army and Air Force Exchange*  
17 *Service, a nonappropriated fund instrumentality of the*  
18 *United States, to sell and convey all right, title, and interest*  
19 *of the United States in and to a parcel of real property,*  
20 *including improvements thereon, consisting of approxi-*  
21 *mately 7.857 acres located at 8901 Autobahn Drive, Dallas,*  
22 *Texas.*

23       (b) *CONSIDERATION.*—*As consideration for the convey-*  
24 *ance under subsection (a), the purchaser shall pay the*  
25 *United States, in a single lump sum payment, an amount*

1 *equal to the fair market value of the real property, as deter-*  
2 *mined pursuant to an appraisal acceptable to the Sec-*  
3 *retary.*

4 (c) *TREATMENT OF CONSIDERATION.*—Section 574(a)  
5 *of title 40, United States Code, shall apply to the consider-*  
6 *ation received under subsection (b).*

7 (d) *DESCRIPTION OF PROPERTY.*—The exact acreage  
8 *and legal description of the property to be conveyed under*  
9 *subsection (a) shall be determined by a survey satisfactory*  
10 *to the Secretary. The cost of the survey shall be borne by*  
11 *the purchaser.*

12 (e) *ADDITIONAL TERMS AND CONDITIONS.*—The Sec-  
13 *retary may require such additional terms and conditions*  
14 *in connection with the conveyance under subsection (a) as*  
15 *the Secretary considers appropriate to protect the interests*  
16 *of the United States.*

17 (f) *INAPPLICABILITY OF CERTAIN PROVISIONS OF*  
18 *LAW.*—The conveyance of property under this section shall  
19 *not be subject to section 2696 of title 10, United States Code.*

20 **SEC. 2823. LAND CONVEYANCES, CERTAIN FORMER PEACE-**  
21 **KEEPER ICBM FACILITIES IN WYOMING.**

22 (a) *CONVEYANCES AUTHORIZED.*—The Secretary of  
23 *the Air Force may convey, without consideration, to the*  
24 *Wyoming Department of State Parks and Cultural Re-*  
25 *sources (in this section referred to the as the “Department”)*

1 *all right, title and interest of the United States in and to*  
2 *parcels of real property, together with any improvements*  
3 *thereon, consisting of the missile alert facility and launch*  
4 *control center at the Quebec #1 Missile Alert Facility for*  
5 *the Peacekeeper ICBM facilities of the 190 Missile Group*  
6 *at F.E. Warren Air Force Base, Wyoming, for the purpose*  
7 *of establishing a historical site allowing for the preserva-*  
8 *tion, protection, and interpretation of the facilities.*

9       **(b) CONSULTATION.**—*The Secretary shall consult with*  
10 *the Secretary of State and the Secretary of Defense in order*  
11 *to ensure that the conveyances required in subsection (a)*  
12 *are carried out in accordance with applicable treaties.*

13       **(c) COMPLIANCE WITH TREATY AND PROGRAMMATIC**  
14 **AGREEMENT.**—*The land conveyance under subsection (a)*  
15 *will enable the United States Air Force to comply with the*  
16 *terms of the Programmatic Agreement Between Francis E.*  
17 *Warren Air Force Base, And The Wyoming State Historic*  
18 *Preservation Officer, Regarding The Implementation Of*  
19 *The Strategic Arms Reduction Treaty.*

20       **(d) PAYMENT OF COSTS OF CONVEYANCE.**—

21               **(1) PAYMENT REQUIRED.**—*The Secretary of the*  
22 *Air Force shall require the Department to cover costs*  
23 *to be incurred by the Secretary, or to reimburse the*  
24 *Secretary for such costs incurred by the Secretary, to*  
25 *carry out the conveyance under subsection (a), includ-*

1 *ing survey costs, costs for environmental documenta-*  
2 *tion, and any other administrative costs related to the*  
3 *conveyance. If amounts are collected from the Depart-*  
4 *ment in advance of the Secretary incurring the actual*  
5 *costs, and the amount collected exceeds the costs actu-*  
6 *ally incurred by the Secretary to carry out the con-*  
7 *veyance, the Secretary shall refund the excess amount*  
8 *to the Department.*

9 (2) *TREATMENT OF AMOUNTS RECEIVED.—*

10 *Amounts received as reimbursement under paragraph*  
11 *(1) shall be credited to the fund or account that was*  
12 *used to cover those costs incurred by the Secretary in*  
13 *carrying out the conveyance or, if such fund or ac-*  
14 *count has expired at the time of credit, to an appro-*  
15 *priate appropriation, fund, or account currently*  
16 *available to the Secretary for the purposes for which*  
17 *the expenses were paid. Amounts so credited shall be*  
18 *merged with amounts in such fund or account, and*  
19 *shall be available for the same purposes, and subject*  
20 *to the same conditions and limitations, as amounts in*  
21 *such fund or account.*

22 (e) *DESCRIPTION OF PROPERTY.—The exact acreage*  
23 *and legal description of the property to be conveyed under*  
24 *subsection (a) shall be determined by a survey satisfactory*  
25 *to the Secretary.*

1       (f) *ENVIRONMENTAL CONCERNS.*—*The United States*  
2 *Air Force shall retain liability for all environmental closure*  
3 *and reclamation obligations that exist as of the date of the*  
4 *conveyance under subsection (a).*

5       (g) *ADDITIONAL TERMS AND CONSIDERATIONS.*—*The*  
6 *Secretary may require such additional terms and condi-*  
7 *tions in connection with the conveyance under subsection*  
8 *(a) as the Secretary considers appropriate to protect the*  
9 *interests of the United States.*

10 **SEC. 2824. LAND EXCHANGE, NAVAL INDUSTRIAL ORD-**  
11 **NANCE RESERVE PLANT, SUNNYVALE, CALI-**  
12 **FORNIA.**

13       (a) *LAND EXCHANGE AUTHORIZED.*—*The Secretary of*  
14 *the Navy (“Secretary”) may convey to an entity (“Ex-*  
15 *change Entity”) all right, title, and interest of the United*  
16 *States in and to the parcel of real property, including im-*  
17 *provements thereon, comprising the Naval Industrial Re-*  
18 *serve Ordnance Plant (NIROP) located in Sunnyvale, Cali-*  
19 *fornia in exchange for property interests that meet the read-*  
20 *iness requirements of the Department of the Navy, as deter-*  
21 *mined by the Secretary.*

22       (b) *LAND EXCHANGE AGREEMENT.*—*Exchange of the*  
23 *real property identified in subsection (a) shall be governed*  
24 *by a land exchange agreement that identifies the property*  
25 *interests to be exchanged pursuant to this section, the time*

1 *period in which the exchange will occur, and the roles and*  
2 *responsibilities of the Secretary and the Exchange Entity*  
3 *in effecting the land exchange.*

4 (c) *COVENANTS AND RESTRICTIONS.—The conveyance*  
5 *under subsection (a) shall be subject to the condition that*  
6 *the Exchange Entity accepts the NIROP real property with*  
7 *the covenants, restrictions, and other clauses required by*  
8 *section 120(h) of the Comprehensive Environmental Re-*  
9 *sponse, Compensation, and Liability Act of 1980 (42 U.S.C.*  
10 *9620(h)).*

11 (d) *VALUATION.—The value of the property interests*  
12 *to be exchanged by the Secretary and the Exchange Entity*  
13 *pursuant to this section shall be determined—*

14 (1) *by an independent appraiser selected by the*  
15 *Secretary; and*

16 (2) *in accordance with the Uniform Appraisal*  
17 *Standards for Federal Land Acquisitions and the*  
18 *Uniform Standards of Professional Appraisal Prac-*  
19 *tice.*

20 (e) *CASH EQUALIZATION PAYMENT.—*

21 (1) *EQUALIZATION REQUIRED.—If the value of*  
22 *the NIROP property is greater than the value of the*  
23 *Exchange Entity property exchanged under subsection*  
24 *(a), the values shall be equalized through a cash*

1       *equalization payment from the Exchange Entity to*  
2       *the Department of the Navy.*

3               (2) *NO EQUALIZATION REQUIRED.—If the value*  
4       *of the Exchange Entity property exchanged under*  
5       *subsection (a) is greater than the value of the NIROP*  
6       *property, the Secretary shall not make a cash equali-*  
7       *zation payment to equalize the values.*

8       (f) *PAYMENT OF COSTS OF CONVEYANCE.—*

9               (1) *PAYMENT REQUIRED.—The Secretary shall*  
10       *require the Exchange Entity to pay costs incurred by*  
11       *the Department of the Navy to carry out the exchange*  
12       *of property interests pursuant to this section, includ-*  
13       *ing survey costs, costs for environmental documenta-*  
14       *tion, review of replacement facilities design, real es-*  
15       *tate due diligence, including appraisals, relocation of*  
16       *activities and facilities from Sunnyvale, California to*  
17       *the replacement facilities, and any other administra-*  
18       *tive costs related to the exchange of property interests.*  
19       *If amounts are collected from the Exchange Entity in*  
20       *advance of the Secretary incurring the actual costs*  
21       *and the amount collected exceeds the costs actually in-*  
22       *curring by the Secretary to carry out the exchange of*  
23       *property interests, the Secretary shall refund the ex-*  
24       *cess amount to the Exchange Entity.*

1           (2) *TREATMENT OF AMOUNTS RECEIVED.*—  
2       *Amounts received under paragraph (1) above shall be*  
3       *credited and made available to the Secretary in ac-*  
4       *cordance with section 2695(c) of title 10, United*  
5       *States Code.*

6           (g) *DESCRIPTION OF PROPERTY.*—*The exact acreage*  
7       *and legal description of the real property to be exchanged*  
8       *pursuant to this section shall be determined by surveys sat-*  
9       *isfactory to the Secretary.*

10          (h) *RELATION TO OTHER MILITARY CONSTRUCTION*  
11       *REQUIREMENTS.*—*The acquisition of a facility using the*  
12       *authority provided by this section shall not be treated as*  
13       *a military construction project for which an authorization*  
14       *is required by section 2802 of title 10, United States Code,*  
15       *or for reporting as required by section 2662 of such title.*

16          (i) *INAPPLICABILITY OF SECTION 2696 OF TITLE 10.*—  
17       *The real property to be exchanged pursuant to this section*  
18       *is exempt from the screening process required by subsection*  
19       *2696(b) of title 10, United States Code.*

20          (j) *REQUIREMENT FOR ASSESSMENT OF FEASIBILITY*  
21       *OF TRANSFERRING CERTAIN FUNCTIONS.*—*The Secretary*  
22       *may not make the conveyance authorized by this section*  
23       *until the Secretary submits to the congressional defense*  
24       *committees an assessment of the feasibility and advisability*  
25       *of transferring, in whole or in part, functions currently per-*

1 *formed at the Naval Industrial Reserve Ordnance Plant to*  
2 *real property already in the Navy inventory and involved*  
3 *in supporting the fleet ballistic missile program.*

4       *(k) ADDITIONAL TERMS AND CONDITIONS.—The Sec-*  
5 *retary may require such additional terms and conditions*  
6 *in connection with the exchange authorized by this section*  
7 *as the Secretary considers appropriate to protect the inter-*  
8 *ests of the United States.*

9       *(l) SUNSET PROVISION.—The authority provided in*  
10 *this section shall expire on October 1, 2021.*

11 **SEC. 2825. LAND EXCHANGE, NAVAL AIR STATION CORPUS**  
12 **CHRISTI, TEXAS.**

13       *(a) LAND EXCHANGE AUTHORIZED.—The Secretary of*  
14 *the Navy (in this section referred to as the “Secretary”)*  
15 *may convey to the City of Corpus Christi, Texas (in this*  
16 *section referred to as the “City”), all right, title, and inter-*  
17 *est of the United States in and to a parcel of real property,*  
18 *including improvements thereon, consisting of approxi-*  
19 *mately 44 acres known as the Peary Place Transmitter Site*  
20 *in Nueces County associated with Naval Air Station Corpus*  
21 *Christi, Texas.*

22       *(b) CONSIDERATION.—As consideration for the convey-*  
23 *ance under subsection (a), the City shall convey to the Sec-*  
24 *retary its real property interests either adjacent or proximi-*  
25 *mate, and causing an encroachment concern as determined*

1 *by the Secretary, to Naval Air Station Corpus Christi,*  
2 *Naval Outlying Landing Field Waldron and Naval Out-*  
3 *lying Landing Field Cabaniss.*

4 (c) *LAND EXCHANGE AGREEMENT.—The Secretary*  
5 *and the City may enter into a land exchange agreement*  
6 *to implement this section.*

7 (d) *VALUATION.—The value of each property interest*  
8 *to be exchanged by the Secretary and the City described in*  
9 *subsections (a) and (b) shall be determined—*

10 (1) *by an independent appraiser selected by the*  
11 *Secretary; and*

12 (2) *in accordance with the Uniform Appraisal*  
13 *Standards for Federal Land Acquisitions and the*  
14 *Uniform Standards of Professional Appraisal Prac-*  
15 *tice.*

16 (e) *CASH EQUALIZATION PAYMENTS.—*

17 (1) *TO THE SECRETARY.—If the value of the*  
18 *property interests described in subsection (a) is great-*  
19 *er than the value of the property interests described*  
20 *in subsection (b), the values shall be equalized through*  
21 *a cash equalization payment from the City to the De-*  
22 *partment of the Navy.*

23 (2) *NO EQUALIZATION.—If the value of the prop-*  
24 *erty interests described in subsection (b) is greater*  
25 *than the value of the property interests described in*

1        *subsection (a), the Secretary shall not make a cash*  
2        *equalization payment to equalize the values.*

3        *(f) PAYMENT OF COSTS OF CONVEYANCE.—*

4            *(1) PAYMENT REQUIRED.—The Secretary shall*  
5        *require the City to pay costs to be incurred by the*  
6        *Secretary to carry out the exchange of property inter-*  
7        *ests under this section, including those costs related to*  
8        *land survey, environmental documentation, real estate*  
9        *due diligence such as appraisals, and any other ad-*  
10       *ministrative costs related to the exchange of property*  
11       *interests to include costs incurred preparing and exe-*  
12       *cuting the land exchange agreement authorized under*  
13       *subsection (c). If amounts are collected from the City*  
14       *in advance of the Secretary incurring the actual costs*  
15       *and the amount collected exceeds the costs actually in-*  
16       *curring by the Secretary to carry out the exchange of*  
17       *property interests, the Secretary shall refund the ex-*  
18       *cess amount to the City.*

19            *(2) TREATMENT OF AMOUNTS RECEIVED.—*

20        *Amounts received as reimbursement under paragraph*  
21        *(1) above shall be used in accordance with section*  
22        *2695(c) of title 10, United States Code.*

23        *(g) DESCRIPTION OF PROPERTY.—The exact acreage*  
24        *and legal description of the property interests to be ex-*

1 *changed under this section shall be determined by surveys*  
 2 *satisfactory to the Secretary.*

3 (h) *CONVEYANCE AGREEMENT.*—*The exchange of real*  
 4 *property interests under this section shall be accomplished*  
 5 *using an appropriate legal instrument and upon terms and*  
 6 *conditions mutually satisfactory to the Secretary and the*  
 7 *City, including such additional terms and conditions as the*  
 8 *Secretary considers appropriate to protect the interests of*  
 9 *the United States.*

10 (i) *EXEMPTION FROM SCREENING REQUIREMENTS*  
 11 *FOR ADDITIONAL FEDERAL USE.*—*The authority under*  
 12 *this section is exempt from the screening process required*  
 13 *under section 2696(b) of title 10, United States Code.*

14 (j) *SUNSET PROVISION.*—*The authority under this sec-*  
 15 *tion shall expire on October 1, 2019, unless the Secretary*  
 16 *and the City have signed a land exchange agreement de-*  
 17 *scribed in subsection (c).*

18 ***Subtitle D—Project Management***  
 19 ***and Oversight Reforms***

20 ***SEC. 2831. NOTIFICATION REQUIREMENT FOR CERTAIN***  
 21 ***COST OVERRUNS AND SCHEDULE DELAYS.***

22 *Section 2853 of title 10, United States Code, is amend-*  
 23 *ed—*

24 (1) *by redesignating subsection (f) as subsection*  
 25 *(g);*

1           (2) by inserting after subsection (e) the following  
2           new subsection:

3           “(f) The Secretary of Defense shall notify the congres-  
4           sional defense committees of any military construction  
5           project or military family housing project that has a cost  
6           overrun or schedule delay of 25 percent or more. The notifi-  
7           cation shall be cosigned by the Chief of Engineers or the  
8           Commander of the Naval Facilities Engineering Command,  
9           and shall describe the specific reasons for the cost increase  
10          or schedule delay, the specific organizations and individuals  
11          responsible, and the actions taken to hold the organizations  
12          and individuals accountable. The Comptroller General of  
13          the United States shall review the notification and validate  
14          or correct as necessary the information provided.”; and

15          (3) in subsection (g), as redesignated by para-  
16          graph (1), by striking “subsections (a) through (e)”  
17          and inserting “subsections (a) through (f)”.

18 **SEC. 2832. LIMITED AUTHORITY FOR PRIVATE SECTOR SU-**  
19                   **PERVISION OF MILITARY CONSTRUCTION**  
20                   **PROJECTS IN EVENT OF EXTENSIVE COST**  
21                   **OVERRUNS OR PROJECT DELAYS.**

22          Section 2851(a) of title 10, United States Code, is  
23          amended—

1           (1) *by striking “Each contract” and inserting*  
2           *“(1) Except as provided under paragraph (2), each*  
3           *contract”;* and

4           (2) *by adding at the end the following new para-*  
5           *graph*

6           “(2) *The Secretary of Defense may arrange for private*  
7           *sector direction and supervision of contracts otherwise sub-*  
8           *ject to the direction and supervision of the Chief of Engi-*  
9           *neers or the Commander of the Naval Facilities Engineer-*  
10           *ing Command under paragraph (1) if, during the most re-*  
11           *cent fiscal year for which data is available, the Chief of*  
12           *Engineers or the Commander of the Naval Facilities Engi-*  
13           *neering Command had cost overruns or project delays of*  
14           *5 percent or more on at least 10 percent of the contracts*  
15           *for which it was responsible for directing and supervising.”.*

16           **SEC. 2833. ANNUAL REPORT ON COST OVERRUNS AND**  
17           **SCHEDULE DELAYS.**

18           *Section 2851 of title 10, United States Code, is amend-*  
19           *ed by adding at the end the following new subsection:*

20           “(d) **ANNUAL REPORT ON COST OVERRUNS AND**  
21           **SCHEDULE DELAYS.**—*The Secretary of Defense shall sub-*  
22           *mit to the congressional defense committees an annual re-*  
23           *port on military construction projects and military family*  
24           *housing projects that had cost overruns or schedule delays*  
25           *of 5 percent or more.”.*

1 **SEC. 2834. REPORT ON DESIGN ERRORS AND OMISSIONS**  
2 **RELATED TO FORT BLISS HOSPITAL RE-**  
3 **PLACEMENT PROJECT.**

4 *(a) REPORT REQUIRED.—*

5 *(1) IN GENERAL.—Not later than December 1,*  
6 *2017, the Secretary of Defense shall submit to the con-*  
7 *gressional defense committees a report on design er-*  
8 *rors and omissions related to the hospital replacement*  
9 *project at Fort Bliss, Texas.*

10 *(2) ELEMENTS.—The report required under*  
11 *paragraph (1) shall include the following elements:*

12 *(A) Identification of the “design errors”*  
13 *and “omissions” that have been used to explain*  
14 *the \$245,000,000, 25 percent cost increase for the*  
15 *replacement project.*

16 *(B) Identification by name of any organiza-*  
17 *tion responsible for such design errors or omis-*  
18 *sions.*

19 *(C) Identification by name of any indi-*  
20 *vidual responsible for such design errors or omis-*  
21 *sions.*

22 *(D) A description of the actions the Sec-*  
23 *retary of Defense has taken to hold the organiza-*  
24 *tions and individuals referred to in subpara-*  
25 *graphs (B) and (C) accountable for such design*  
26 *errors and omissions.*

1       (b) *LIMITATION.*—Of the funds appropriated or other-  
2 wise made available for the hospital replacement project at  
3 Fort Bliss, Texas, \$50,000,000 may not be obligated or ex-  
4 pended for the project until the Secretary of Defense submits  
5 to the congressional defense committees—

6           (1) the report required under subsection (a); and  
7           (2) a written certification that sufficient steps  
8 have been taken by the Department of Defense to pre-  
9 vent massive cost overruns on such project in the fu-  
10 ture.

11 **SEC. 2835. REPORT ON COST INCREASE AND DELAY RE-**  
12 **LATED TO USSTRATCOM COMMAND AND CON-**  
13 **TROL FACILITY PROJECT AT OFFUTT AIR**  
14 **FORCE BASE.**

15       (a) *IN GENERAL.*—Not later than December 1, 2017,  
16 the Secretary of Defense shall submit to the congressional  
17 defense committees a report on the 16-month schedule delay  
18 and 10 percent cost increase related to the United States  
19 Strategic Command command and control facility project  
20 at Offutt Air Force Base, Nebraska.

21       (b) *ELEMENTS.*—The report required under subsection  
22 (a) shall include the following elements:

23           (1) Identification by name of any organization  
24 responsible for the delay and cost increase.

1           (2) *Identification by name of any individual re-*  
2           *sponsible for the delay and cost increase.*

3           (3) *A description of the actions the Secretary of*  
4           *Defense has taken to hold the organizations and indi-*  
5           *viduals referred to in paragraphs (1) and (2) ac-*  
6           *countable for the delay and cost increase.*

### 7           ***Subtitle E—Other Matters***

#### 8   ***SEC. 2841. ANNUAL DEPARTMENT OF DEFENSE ENERGY*** 9           ***MANAGEMENT REPORTS.***

10          *Section 2925(a) of title 10, United States Code, is*  
11          *amended—*

12           (1) *in the subsection heading, by striking “RE-*  
13           *SILIENCY” and inserting “ENERGY RESILIENCE”;*

14           (2) *in paragraph (1), by inserting before the pe-*  
15           *riod at the end the following: “, including progress on*  
16           *energy resilience at military installations according*  
17           *to metrics developed by the Secretary.”;*

18           (3) *by amending paragraph (3) to read as fol-*  
19           *lows:*

20           *“(3) Details of all utility outages impacting en-*  
21           *ergy resilience at military installations (excluding*  
22           *planned outages for maintenance reasons), whether*  
23           *caused by on- or off-installation disruptions, includ-*  
24           *ing the total number and location of outage, the dura-*  
25           *tion of the outage, the financial impact of the outage,*

1       *whether or not the mission was impacted, the mission*  
2       *requirements associated with disruption tolerances*  
3       *based on risk to mission, the responsible authority*  
4       *managing the utility, and measure taken to mitigate*  
5       *the outage by the responsible authority.”;*

6             *(4) by redesignating paragraph (4) as para-*  
7       *graph (5); and*

8             *(5) by inserting after paragraph (3) the fol-*  
9       *lowing new paragraph:*

10            *“(4) Details of a military installation’s total en-*  
11       *ergy requirements and critical energy requirements,*  
12       *and the current energy resilience and emergency*  
13       *backup systems servicing critical energy requirements,*  
14       *including, at a minimum—*

15            *“(A) energy resilience and emergency*  
16       *backup system power requirements;*

17            *“(B) the critical missions, facility, or facili-*  
18       *ties serviced;*

19            *“(C) system service life;*

20            *“(D) capital, operations, maintenance, and*  
21       *testing costs; and*

22            *“(E) other information the Secretary deter-*  
23       *mines necessary.”.*

1 **SEC. 2842. AGGREGATION OF ENERGY EFFICIENCY AND EN-**  
2 **ERGY RESILIENCE PROJECTS IN LIFE CYCLE**  
3 **COST ANALYSES.**

4 *The Secretary of Defense or the Secretary of a military*  
5 *department, when conducting life cycle cost analyses with*  
6 *respect to investments designed to lower costs and reduce*  
7 *energy and water consumption, shall aggregate energy effi-*  
8 *ciency projects and energy resilience improvements as ap-*  
9 *propriate.*

10 **SEC. 2843. AUTHORITY OF THE SECRETARY OF THE AIR**  
11 **FORCE TO ACCEPT LESSEE IMPROVEMENTS**  
12 **AT AIR FORCE PLANT 42.**

13 *(a) ACCEPTANCE OF LESSEE IMPROVEMENTS AT AIR*  
14 *FORCE PLANT 42.—A lease of Air Force Plant 42, in whole*  
15 *or part, may permit the lessee, with the approval of the*  
16 *Secretary of the Air Force, to alter, expand, or otherwise*  
17 *improve the plant or facility as necessary for the develop-*  
18 *ment or production of military weapons systems, muni-*  
19 *tions, components, or supplies. Such lease may provide, not-*  
20 *withstanding section 2802 of title 10, United States Code,*  
21 *that such alteration, expansion or other improvement shall,*  
22 *upon completion, become the property of the Federal Gov-*  
23 *ernment, regardless of whether such alteration, expansion,*  
24 *or other improvement constitutes all or part of the consider-*  
25 *ation for the lease pursuant to section 2667(b)(5) of such*  
26 *title or represents a reimbursable cost allocable to any con-*

1 *tract, cooperative agreement, grant, or other instrument*  
2 *with respect to activity undertaken at Air Force Plant 42.*

3 (b) *CONGRESSIONAL NOTIFICATION.*—*When a decision*  
4 *is made to approve a project to which subsection (a) applies*  
5 *costing more than the threshold specified under section*  
6 *2805(c) of such title, the Secretary of the Air Force shall*  
7 *notify the congressional defense committees in writing of*  
8 *that decision, the justification for the project, and the esti-*  
9 *mated cost of the project. The Secretary may not carry out*  
10 *the project until the end of the 21-day period beginning on*  
11 *the date the congressional defense committees receive such*  
12 *notification or, if earlier, the end of the 14-day period be-*  
13 *ginning on the date on which a copy of the notification*  
14 *is provided in an electronic medium pursuant to section*  
15 *480 of such title.*

16 **SEC. 2844. PROHIBITION ON USE OF FUNDS FOR KWAJA-**  
17 **LEIN PROJECT.**

18 *None of the funds authorized to be appropriated by this*  
19 *Act or otherwise made available for the Department of De-*  
20 *fense for fiscal year 2018 may be made available for a*  
21 *project to construct 52 single family homes on Kwajalein*  
22 *Atoll for \$1,300,000 each to support 18 active duty military*  
23 *personnel.*

1 **SEC. 2845. ENERGY RESILIENCE.**

2 (a) *IN GENERAL.*—Section 2911 of title 10, United  
3 States Code, is amended—

4 (1) in the section heading, by striking “**per-**  
5 **formance goals and master plan for**” and  
6 inserting “**policy of**”;

7 (2) by redesignating subsections (a), (b), (c), (d),  
8 and (e) as subsections (c), (d), (e), (f), and (g) respec-  
9 tively;

10 (3) by inserting before subsection (c), as redesign-  
11 nated by paragraph (2), the following new sub-  
12 sections:

13 “(a) *GENERAL ENERGY POLICY.*—The Secretary of  
14 Defense shall ensure the readiness of the armed forces for  
15 their military missions by pursuing energy security and  
16 energy resilience.

17 “(b) *AUTHORITIES.*—In order to achieve the policy set  
18 forth in subsection (a), the Secretary of Defense may—

19 “(1) require the Secretary of a military depart-  
20 ment to establish and maintain an energy resilience  
21 master plan for an installation;

22 “(2) authorize the use of energy security and en-  
23 ergy resilience as factors in the cost-benefit analysis  
24 for procurement of energy; and

25 “(3) in selecting facility energy projects that will  
26 use renewable energy sources, pursue energy security

1 *and energy resilience by giving favorable consider-*  
2 *ation to projects that provide power directly to a*  
3 *military facility or into the installation electrical dis-*  
4 *tribution network.”;*

5 (4) *in subsection (e), as redesignated by para-*  
6 *graph (2)—*

7 (A) *in paragraph (1), by inserting “, the*  
8 *future demand for energy, and the requirement*  
9 *for the use of energy” after “energy”;*

10 (B) *by amending paragraph (2) to read as*  
11 *follows:*

12 “(2) *Opportunities to enhance energy resilience*  
13 *to ensure the Department of Defense has the ability*  
14 *to prepare for and recover from energy disruptions*  
15 *that impact mission assurance on military installa-*  
16 *tions.”; and*

17 (C) *by adding at the end the following new*  
18 *paragraph:*

19 “(13) *Opportunities to leverage third-party fi-*  
20 *nancing to address installation energy needs.”.*

21 (b) *CLERICAL AMENDMENT.—The table of sections at*  
22 *the beginning of chapter 173 is amended by striking the*  
23 *item relating to section 2911 and inserting the following*  
24 *new item:*

*“2911. Energy policy of the Department of Defense.”.*

1       (c) *CONFORMING AMENDMENTS.*—Chapter 173 of title  
2 10, United States Code, is amended—

3           (1) in section 2914, by striking “energy resil-  
4 iency” each place it appears and inserting “energy  
5 resilience”;

6           (2) in section 2915—

7               (A) by striking “subsection (c)” each place  
8 it appears and inserting “subsection (e)”; and

9               (B) in subsection (e)(2)(C), by striking  
10 “2911(b)(2)” and inserting “2911(d)(2)”;

11           (3) in section 2916(b)(2), by striking “2911(a)”  
12 and inserting “2911(c)”;

13           (4) in section 2922b(a), by striking “subsection  
14 (c)” and inserting “subsection (e)”;

15           (5) in section 2922f(a), by striking “subsection  
16 (c)” and inserting “subsection (e)”;

17           (6) in section 2924—

18               (A) by striking paragraph (3); and

19               (B) by redesignating paragraphs (4), (5),  
20 (6), and (7) as paragraphs (3), (4), (5), and (6),  
21 respectively; and

22           (7) in section 2925(a)—

23               (A) by striking “resiliency” and inserting  
24 “energy resilience”; and

1                   (B) in paragraph (1), by striking “2911(e)”  
2                   and inserting “2911(g)”.

3           (d) *DEFINITIONS FOR ENERGY RESILIENCE AND EN-*  
4 *ERGY SECURITY.*—Section 101(e) of title 10, United States  
5 Code, is amended by adding at the end the following new  
6 paragraphs:

7                   “(6) *ENERGY RESILIENCE.*—The term ‘energy re-  
8                   silience’ means the ability to avoid, prepare for, min-  
9                   imize, adapt to, and recover from anticipated and  
10                  unanticipated energy disruptions in order to ensure  
11                  energy availability and reliability sufficient to pro-  
12                  vide for mission assurance and readiness, including  
13                  task critical assets and other mission essential oper-  
14                  ations related to readiness, and to execute or rapidly  
15                  reestablish mission essential requirements.

16                  “(7) *ENERGY SECURITY.*—The term ‘energy secu-  
17                  rity’ means having assured access to reliable supplies  
18                  of energy and the ability to protect and deliver suffi-  
19                  cient energy to meet mission essential requirements.”.

20 **SEC. 2846. CONSIDERATION OF ENERGY SECURITY AND EN-**  
21 **ERGY RESILIENCE IN AWARDING ENERGY**  
22 **AND FUEL CONTRACTS FOR MILITARY IN-**  
23 **STALLATIONS.**

24           Section 2922a of title 10, United States Code, is  
25 amended by adding at the end the following new subsection:

1       “(d) *The Secretary concerned shall prioritize energy*  
2 *security and resilience.*”

3 **SEC. 2847. REQUIREMENT TO ADDRESS ENERGY RESIL-**  
4 ****IENCE IN EXERCISING UTILITY SYSTEM CON-****  
5 ****VEYANCE AUTHORITY.****

6       *Section 2688(g) of title 10, United States Code, is*  
7 *amended by adding at the end the following new para-*  
8 *graphs:*

9       “(3) *The Secretary concerned may require in any con-*  
10 *tract for the conveyance of a utility system (or part of a*  
11 *utility system) under subsection (a) that the conveyee man-*  
12 *age and operate the utility system in a manner consistent*  
13 *with energy resilience requirements and metrics provided*  
14 *to the conveyee to ensure that the reliability of the utility*  
15 *system meets mission requirements.*

16       “(4) *The Secretary of Defense, in consultation with the*  
17 *Secretaries of the military departments, shall include in the*  
18 *installation energy report submitted under section 2925(a)*  
19 *of this title a description of progress in meeting energy re-*  
20 *silience metrics for all conveyance contracts entered into*  
21 *pursuant to this section.*”

1 **SEC. 2848. IN-KIND LEASE PAYMENTS; PRIORITIZATION OF**  
2 **UTILITY SERVICES THAT PROMOTE ENERGY**  
3 **RESILIENCE.**

4 *Section 2667(c)(1)(D) of title 10, United States Code,*  
5 *is amended by inserting “, which shall prioritize energy*  
6 *resilience in the event of commercial grid outages” after*  
7 *“Secretary concerned”.*

8 **SEC. 2849. DISCLOSURE OF BENEFICIAL OWNERSHIP BY**  
9 **FOREIGN PERSONS OF HIGH SECURITY**  
10 **SPACE LEASED BY THE DEPARTMENT OF DE-**  
11 **FENSE.**

12 *(a) IDENTIFICATION OF BENEFICIAL OWNERSHIP.—*  
13 *Before entering into a lease agreement with a covered entity*  
14 *for accommodation of a military department or Defense*  
15 *Agency in a building (or other improvement) that will be*  
16 *used for high-security leased space, the Department of De-*  
17 *fense shall require the covered entity to—*

18 *(1) identify each beneficial owner of the covered*  
19 *entity by—*

20 *(A) name;*

21 *(B) current residential or business street ad-*  
22 *dress; and*

23 *(C) in the case of a United States person,*  
24 *a unique identifying number from a nonexpired*  
25 *passport issued by the United States or a non-*  
26 *expired drivers license issued by a State; and*

1           (2) *disclose to the Department of Defense any*  
2           *beneficial owner of the covered entity that is a foreign*  
3           *person.*

4           **(b) REQUIRED DISCLOSURE.—**

5           (1) *INITIAL DISCLOSURE.—The Secretary of De-*  
6           *fense shall require a covered entity to provide the in-*  
7           *formation required under subsection (a), when first*  
8           *submitting a proposal in response to a solicitation for*  
9           *offers issued by the Department.*

10          (2) *UPDATES.—The Secretary of Defense shall*  
11          *require a covered entity to update a submission of in-*  
12          *formation required under subsection (a) not later*  
13          *than 60 days after the date of any change in—*

14                (A) *the list of beneficial owners of the cov-*  
15                *ered entity; or*

16                (B) *the information required to be provided*  
17                *relating to each such beneficial owner.*

18          (c) *PRECAUTIONS.—If a covered entity discloses a for-*  
19          *ign person as a beneficial owner of a building (or other*  
20          *improvement) from which the Department of Defense is*  
21          *leasing high-security leased space, the Department of De-*  
22          *fense shall notify the tenant of the space to take appropriate*  
23          *security precautions.*

24          **(d) DEFINITIONS.—**

25                (1) *BENEFICIAL OWNER.—*

1           (A) *IN GENERAL.*—*The term beneficial*  
2           *owner—*

3                   (i) *means, with respect to a covered en-*  
4                   *tity, each natural person who, directly or*  
5                   *indirectly—*

6                           (I) *exercises control over the cov-*  
7                           *ered entity through ownership inter-*  
8                           *ests, voting rights, agreements, or oth-*  
9                           *erwise; or*

10                           (II) *has an interest in or receives*  
11                           *substantial economic benefits from the*  
12                           *assets of the covered entity; and*

13                   (ii) *does not include, with respect to a*  
14                   *covered entity—*

15                           (I) *a minor child;*

16                           (II) *a person acting as a nominee,*  
17                           *intermediary, custodian, or agent on*  
18                           *behalf of another person;*

19                           (III) *a person acting solely as an*  
20                           *employee of the covered entity and*  
21                           *whose control over or economic benefits*  
22                           *from the covered entity derives solely*  
23                           *from the employment status of the per-*  
24                           *son;*

1                   (IV) a person whose only interest  
2                   in the covered entity is through a right  
3                   of inheritance, unless the person other-  
4                   wise meets the definition of “beneficial  
5                   owner” under this paragraph; and

6                   (V) a creditor of the covered enti-  
7                   ty, unless the creditor otherwise meets  
8                   the requirements of “beneficial owner”  
9                   described above.

10                  (B) ANTI-ABUSE RULE.—The exceptions  
11                  under subparagraph (A)(ii) shall not apply if  
12                  used for the purpose of evading, circumventing,  
13                  or abusing the requirements of this section.

14                  (2) COVERED ENTITY.—The term “covered enti-  
15                  ty” means a person, copartnership, corporation, or  
16                  other public or private entity.

17                  (3) FOREIGN PERSON.—The term “foreign per-  
18                  son” means an individual who is not a United States  
19                  person or an alien lawfully admitted for permanent  
20                  residence into the United States.

21                  (4) HIGH-SECURITY LEASED SPACE.—The term  
22                  “high-security leased space” means a space leased by  
23                  the Department of Defense that has a security level of  
24                  III, IV, or V, as determined by the Interagency Secu-  
25                  rity Committee.

1           (5) *UNITED STATES PERSON.*—The term “United  
2       *States person*” means a natural person who is a cit-  
3       *izen of the United States or who owes permanent alle-*  
4       *giance to the United States.*

5   **SEC. 2850. ESTABLISHMENT OF A VISITOR SERVICES FACIL-**  
6                           **ITY ON THE ARLINGTON RIDGE TRACT.**

7       (a) *ARLINGTON RIDGE TRACT DEFINED.*—In this sec-  
8       *tion, the term “Arlington Ridge tract” means the parcel*  
9       *of Federal land located in Arlington County, Virginia,*  
10       *known as the “Nevius Tract” and transferred to the Depart-*  
11       *ment of the Interior in 1953, that is bounded generally by—*

12           (1) *Arlington Boulevard (United States Route*  
13       *50) to the north;*

14           (2) *Jefferson Davis Highway (Virginia Route*  
15       *110) to the east;*

16           (3) *Marshall Drive to the south; and*

17           (4) *North Meade Street to the west.*

18       (b) *ESTABLISHMENT OF VISITOR SERVICES FACIL-*  
19       *ITY.*—Notwithstanding section 2863(g) of the Military Con-  
20       *struction Authorization Act for Fiscal Year 2002 (Public*  
21       *Law 107–107; 115 Stat. 1332), the Secretary of the Interior*  
22       *may construct a structure for visitor services, including a*  
23       *public restroom facility, on the Arlington Ridge tract in*  
24       *the area of the United States Marine Corps War Memorial.*

1 **SEC. 2851. JOINT USE OF DOBBINS AIR RESERVE BASE,**  
 2 **MARIETTA, GEORGIA, WITH CIVIL AVIATION.**

3 (a) *IN GENERAL.*—*The Secretary of the Air Force may*  
 4 *enter into an agreement that would provide or permit the*  
 5 *joint use of Dobbins Air Reserve Base, Marietta, Georgia,*  
 6 *by the Air Force and civil aircraft.*

7 (b) *CONFORMING REPEAL.*—*Section 312 of the Na-*  
 8 *tional Defense Authorization Act, Fiscal Year 1989 (Public*  
 9 *Law 100–456; 102 Stat. 1950) is hereby repealed.*

10 **TITLE XXIX—OVERSEAS CONTIN-**  
 11 **GENY OPERATIONS MILI-**  
 12 **TARY CONSTRUCTION**

13 **SEC. 2901. AUTHORIZED ARMY CONSTRUCTION AND LAND**  
 14 **ACQUISITION PROJECTS.**

15 *The Secretary of the Army may acquire real property*  
 16 *and carry out the military construction projects for the in-*  
 17 *stallation outside the United States, and in the amount,*  
 18 *set forth in the following table:*

***Army: Outside the United States***

<b><i>Country</i></b>	<b><i>Location</i></b>	<b><i>Amount</i></b>
<i>Cuba .....</i>	<i>Guantanamo Bay .....</i>	<i>\$115,000,000</i>

19 **SEC. 2902. AUTHORIZED AIR FORCE CONSTRUCTION AND**  
 20 **LAND ACQUISITION PROJECTS.**

21 *The Secretary of the Air Force may acquire real prop-*  
 22 *erty and carry out the military construction projects for*

1 *the installations outside the United States, and in the*  
 2 *amounts, set forth in the following table:*

***Air Force: Outside the United States***

<b><i>Country</i></b>	<b><i>Location</i></b>	<b><i>Amount</i></b>
<i>Estonia</i> .....	<i>Amari Air Base</i> .....	<i>\$13,900,000</i>
<i>Hungary</i> .....	<i>Keckemet Air Base</i> .....	<i>\$55,400,000</i>
<i>Iceland</i> .....	<i>Keflavik</i> .....	<i>\$14,400,000</i>
<i>Jordan</i> .....	<i>Azraq</i> .....	<i>\$143,000,000</i>
<i>Latvia</i> .....	<i>Lielvarde Air Base</i> .....	<i>\$3,850,000</i>
<i>Luxembourg</i> .....	<i>Sanem</i> .....	<i>\$67,400,000</i>
<i>Norway</i> .....	<i>Rygge</i> .....	<i>\$10,300,000</i>
<i>Romania</i> .....	<i>Campia Turzii</i> .....	<i>\$2,950,000</i>
<i>Slovakia</i> .....	<i>Malacky</i> .....	<i>\$24,000,000</i>
	<i>Sliac Airport</i> .....	<i>\$22,000,000</i>
<i>Turkey</i> .....	<i>Incirlik Air Base</i> .....	<i>\$22,700,000</i>

3 ***SEC. 2903. AUTHORIZATION OF APPROPRIATIONS.***

4 *Funds are hereby authorized to be appropriated for fis-*  
 5 *cal years beginning after September 30, 2017, for the mili-*  
 6 *tary construction projects outside the United States author-*  
 7 *ized by this title as specified in the funding table in section*  
 8 *4602 and 4603.*

9 ***SEC. 2904. EXTENSION OF AUTHORIZATION OF CERTAIN***  
 10 ***FISCAL YEAR 2015 PROJECTS.***

11 *(a) EXTENSION.—Notwithstanding section 2002 of the*  
 12 *Military Construction Authorization Act for Fiscal Year*  
 13 *2015 (division B of Public Law 113–291; 128 Stat. 3669),*  
 14 *the authorizations set forth in the table in subsection (b),*  
 15 *as provided in section 4602 of that Act (128 Stat. 3981),*  
 16 *shall remain in effect until October 1, 2018, or the date*  
 17 *of the enactment of an Act authorizing funds for military*  
 18 *construction for fiscal year 2019, whichever is later.*

1 (b) *TABLE.—The table referred to in subsection (a) is*  
 2 *as follows:*

***Extension of 2015 Air Force OCO Project Authorizations***

<b><i>Country</i></b>	<b><i>Installation</i></b>	<b><i>Project</i></b>	<b><i>Amount</i></b>
<i>Italy .....</i>	<i>Camp Darby .....</i>	<i>ERI: Improve Weapons Storage Facility.</i>	<i>\$44,500,000</i>
<i>Poland .....</i>	<i>Lask Air Base .....</i>	<i>ERI: Improve Support Infrastructure.</i>	<i>\$22,400,000</i>

3 ***DIVISION C—DEPARTMENT OF***  
 4 ***ENERGY NATIONAL SECURITY***  
 5 ***AUTHORIZATIONS AND OTHER***  
 6 ***AUTHORIZATIONS***

7 ***TITLE XXXI—DEPARTMENT OF***  
 8 ***ENERGY NATIONAL SECURITY***  
 9 ***PROGRAMS***

10 ***Subtitle A—National Security***  
 11 ***Programs and Authorizations***

12 ***SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRA-***  
 13 ***TION.***

14 (a) *AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
 15 *hereby authorized to be appropriated to the Department of*  
 16 *Energy for fiscal year 2018 for the activities of the National*  
 17 *Nuclear Security Administration in carrying out programs*  
 18 *as specified in the funding table in section 4701.*

19 (b) *AUTHORIZATION OF NEW PLANT PROJECTS.—*  
 20 *From funds referred to in subsection (a) that are available*  
 21 *for carrying out plant projects, the Secretary of Energy*

1 *may carry out new plant projects for the National Nuclear*  
2 *Security Administration as follows:*

3 *Project 18–D–660, Fire Station, Y–12 National*  
4 *Security Complex, Oak Ridge, Tennessee,*  
5 *\$20,400,000.*

6 *Project 18–D–650, Tritium Production Capa-*  
7 *bility, Savannah River Site, Aiken, South Carolina,*  
8 *\$9,100,000.*

9 *Project 18–D–620, Exascale Computing Facility*  
10 *Modernization Project, Lawrence Livermore National*  
11 *Laboratory, Livermore, California, \$3,000,000.*

12 *Project 18–D–670, Exascale Class Computer*  
13 *Cooling Equipment, Los Alamos National Labora-*  
14 *tory, Los Alamos, New Mexico, \$22,000,000.*

15 *Project 18–D–922, BL Component Test Complex,*  
16 *Bettis Atomic Power Laboratory, West Mifflin, Penn-*  
17 *sylvania, \$3,100,000.*

18 *Project 18–D–921, KS Overhead Piping, Kessel-*  
19 *ring Site, West Milton, New York, \$10,716,000.*

20 *Project 18–D–920, KL Fuel Development Lab-*  
21 *oratory, Knolls Atomic Power Laboratory, Schenec-*  
22 *tady, New York, \$1,100,000.*

23 **SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.**

24 *(a) AUTHORIZATION OF APPROPRIATIONS.—Funds are*  
25 *hereby authorized to be appropriated to the Department of*

1 *Energy for fiscal year 2018 for defense environmental*  
2 *cleanup activities in carrying out programs as specified in*  
3 *the funding table in section 4701.*

4 (b) *AUTHORIZATION OF NEW PLANT PROJECTS.—*  
5 *From funds referred to in subsection (a) that are available*  
6 *for carrying out plant projects, the Secretary of Energy*  
7 *may carry out, for defense environmental cleanup activities,*  
8 *the following new plant projects:*

9 *Project 18–D–401, Saltstone Disposal Units*  
10 *numbers 8 and 9, Savannah River Site, Aiken, South*  
11 *Carolina, \$500,000.*

12 *Project 18–D–402, Emergency Operations Center*  
13 *Replacement, Savannah River Site, Aiken, South*  
14 *Carolina, \$500,000.*

15 *Project 18–D–404, Modification of Waste Encap-*  
16 *sulation and Storage Facility, Hanford Nuclear Res-*  
17 *ervation, Richland, Washington, \$6,500,000.*

18 **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

19 *Funds are hereby authorized to be appropriated to the*  
20 *Department of Energy for fiscal year 2018 for other defense*  
21 *activities in carrying out programs as specified in the fund-*  
22 *ing table in section 4701.*

1 **SEC. 3104. NUCLEAR ENERGY.**

2 *Funds are hereby authorized to be appropriated to the*  
 3 *Department of Energy for fiscal year 2018 for nuclear en-*  
 4 *ergy as specified in the funding table in section 4701.*

5 **Subtitle B—Program Authoriza-**  
 6 **tions, Restrictions, and Limita-**  
 7 **tions**

8 **SEC. 3111. ASSESSMENT AND DEVELOPMENT OF PROTO-**  
 9 **TYPE NUCLEAR WEAPONS OF FOREIGN COUN-**  
 10 **TRIES.**

11 *(a) STOCKPILE STEWARDSHIP, MANAGEMENT, AND*  
 12 *RESPONSIVENESS PLAN.—Section 4203(d)(1) of the Atomic*  
 13 *Energy Defense Act (50 U.S.C. 2523(d)(1)) is amended—*

14 *(1) in subparagraph (M), by striking “; and”*  
 15 *and inserting a semicolon;*

16 *(2) in subparagraph (N), by striking the period*  
 17 *at the end and inserting “; and”; and*

18 *(3) by adding at the end the following:*

19 *“(O) as required, when assessing and devel-*  
 20 *oping prototype nuclear weapons of foreign*  
 21 *countries, a report from the directors of the na-*  
 22 *tional security laboratories on the need and plan*  
 23 *for such assessment and development that in-*  
 24 *cludes separate comments on the plan from the*  
 25 *Secretary of Energy and the Director of National*  
 26 *Intelligence.”.*

1       (b) *STOCKPILE RESPONSIVENESS PROGRAM.*—Section  
2 4220(c) of the Atomic Energy Defense Act (50 U.S.C.  
3 2538b(c)) is amended by adding at the end the following:

4           “(6) The retention of the ability, in consultation  
5 with the Director of National Intelligence, to assess  
6 and develop prototype nuclear weapons of foreign  
7 countries and, if necessary, to conduct no-yield testing  
8 of those prototypes.”.

9       (c) *CONFORMING REPEAL.*—

10           (1) *IN GENERAL.*—Section 4509 of the Atomic  
11 Energy Defense Act (50 U.S.C. 2660) is repealed.

12           (2) *CLERICAL AMENDMENT.*—The table of con-  
13 tents for the Atomic Energy Defense Act is amended  
14 by striking the items relating to sections 4508 and  
15 4509.

16 **SEC. 3112. USE OF FUNDS FOR CONSTRUCTION AND**  
17 **PROJECT SUPPORT ACTIVITIES RELATING TO**  
18 **MOX FACILITY.**

19       (a) *IN GENERAL.*—Except as provided by subsection  
20 (b), the Secretary of Energy shall carry out construction  
21 and project support activities relating to the MOX facility  
22 using funds authorized to be appropriated by this Act or  
23 otherwise made available for fiscal year 2018 for the Na-  
24 tional Nuclear Security Administration for the MOX facil-  
25 ity for construction and project support activities.

1 (b) *WAIVER.*—

2 (1) *IN GENERAL.*—*The Secretary may waive the*  
3 *requirement under subsection (a) to carry out con-*  
4 *struction and project support activities relating to the*  
5 *MOX facility if the Secretary submits to the congres-*  
6 *sional defense committees—*

7 (A) *the commitment of the Secretary to re-*  
8 *move plutonium intended to be disposed of in the*  
9 *MOX facility from South Carolina and ensure a*  
10 *sustainable future for the Savannah River Site;*

11 (B) *a certification that—*

12 (i) *an alternative option for carrying*  
13 *out the plutonium disposition program for*  
14 *the same amount of plutonium as the*  
15 *amount of plutonium intended to be dis-*  
16 *posed of in the MOX facility exists, meeting*  
17 *the requirements of the Business Operating*  
18 *Procedure of the National Nuclear Security*  
19 *Administration entitled “Analysis of Alter-*  
20 *natives” and dated March 14, 2016 (BOP–*  
21 *03.07); and*

22 (ii) *the remaining lifecycle cost, deter-*  
23 *mined in a manner consistent with the cost*  
24 *estimating and assessment best practices of*  
25 *the Government Accountability Office, as*

1           *found in the document of the Government*  
2           *Accountability Office entitled “GAO Cost*  
3           *Estimating and Assessment Guide” (GAO–*  
4           *09–3SP), for the alternative option would*  
5           *be less than half of the estimated remaining*  
6           *lifecycle cost of the mixed-oxide fuel pro-*  
7           *gram; and*

8           *(C) the details of any statutory or regu-*  
9           *latory changes necessary to complete the alter-*  
10          *native option.*

11          (2) *ESTIMATES.—The Secretary shall ensure that*  
12          *the estimates used by the Secretary for purposes of the*  
13          *certification under paragraph (1)(B) are of com-*  
14          *parable accuracy.*

15          (c) *DEFINITIONS.—In this section:*

16               (1) *MOX FACILITY.—The term “MOX facility”*  
17               *means the mixed-oxide fuel fabrication facility at the*  
18               *Savannah River Site, Aiken, South Carolina.*

19               (2) *PROJECT SUPPORT ACTIVITIES.—The term*  
20               *“project support activities” means activities that sup-*  
21               *port the design, long-lead equipment procurement,*  
22               *and site preparation of the MOX facility.*

1 **SEC. 3113. REPEAL, CONSOLIDATION, AND MODIFICATION**  
2 **OF REPORTING REQUIREMENTS.**

3 (a) *REPEAL OF ANNUAL REPORT ON STATUS OF NU-*  
4 *CLEAR MATERIALS PROTECTION, CONTROL, AND ACCOUNT-*  
5 *ING PROGRAM.—*

6 (1) *IN GENERAL.—Section 4303 of the Atomic*  
7 *Energy Defense Act (50 U.S.C. 2563) is repealed.*

8 (2) *CLERICAL AMENDMENT.—The table of con-*  
9 *tents for the Atomic Energy Defense Act is amended*  
10 *by striking the item relating to section 4303.*

11 (b) *MODIFICATION OF REPORT ON STATUS OF SECU-*  
12 *RITY OF ATOMIC ENERGY DEFENSE FACILITIES.—Section*  
13 *4506 of the Atomic Energy Defense Act (50 U.S.C. 2657)*  
14 *is amended by striking “each year” each place it appears*  
15 *and inserting “each odd-numbered year”.*

16 (c) *PLAN FOR ADDRESSING SECURITY RISKS POSED*  
17 *TO NUCLEAR WEAPONS COMPLEX.—*

18 (1) *CONSOLIDATION INTO STOCKPILE STEWARD-*  
19 *SHIP AND MANAGEMENT PLAN.—Section 4203 of the*  
20 *Atomic Energy Defense Act (50 U.S.C. 2523) is*  
21 *amended—*

22 (A) *in subsection (c)—*

23 (i) *by redesignating paragraphs (6)*  
24 *and (7) as paragraphs (7) and (8), respec-*  
25 *tively; and*

1                   (ii) by inserting after paragraph (5)  
2                   the following new paragraph:

3                   “(6) A summary of the plan for the research and  
4                   development, deployment, and lifecycle sustainment of  
5                   technologies employed within the nuclear security en-  
6                   terprise.”; and

7                   (B) in subsection (d)—

8                   (i) by redesignating paragraph (7) as  
9                   paragraph (8); and

10                  (ii) by inserting after paragraph (6)  
11                  the following new paragraph:

12                  “(7) A plan, developed in consultation with the  
13                  Associate Under Secretary for Environment, Health,  
14                  Safety, and Security of the Department of Energy, for  
15                  the research and development, deployment, and  
16                  lifecycle sustainment of the technologies employed  
17                  within the nuclear security enterprise to address  
18                  physical and cyber security threats during the five  
19                  fiscal years following the date of the report, together  
20                  with—

21                  “(A) for each site in the nuclear security  
22                  enterprise, a description of the technologies de-  
23                  ployed to address the physical and cyber security  
24                  threats posed to that site; and

1           “(B) for each site and for the nuclear secu-  
2           rity enterprise, the methods used by the Adminis-  
3           tration to establish priorities among investments  
4           in physical and cyber security technologies.”.

5           (2) *CONFORMING REPEAL*.—Section 3253(b) of  
6           the National Nuclear Security Administration Act  
7           (50 U.S.C. 2453(b)) is amended by striking para-  
8           graph (5).

9           (d) *MODIFICATION OF SUBMISSION OF SELECTED AC-*  
10          *QUISITION REPORTS*.—Section 4217(a) of the Atomic En-  
11          ergy Defense Act (50 U.S.C. 2537(a)) is amended—

12           (1) in paragraph (1)—

13           (A) by striking “each fiscal-year quarter”  
14           and inserting “the first quarter of each fiscal  
15           year”;

16           (B) by striking “or a major” and inserting  
17           “and each major”; and

18           (C) by inserting “during the preceding fis-  
19           cal year” after “4713(a)(2)”; and

20           (2) in paragraph (2)—

21           (A) by striking “a fiscal-year quarter” and  
22           inserting “a fiscal year”; and

23           (B) by striking “such fiscal-year quarter”  
24           and inserting “each fiscal-year quarter in that  
25           fiscal year”.

1       (e) *MODIFICATION OF SUBMISSION OF PLAN FOR*  
2 *MEETING NATIONAL SECURITY REQUIREMENTS FOR*  
3 *UNENCUMBERED URANIUM.*—Section 4221(a) of the Atomic  
4 *Energy Defense Act (50 U.S.C. 2538c(a)) is amended by*  
5 *striking “Concurrent with” and all that follows through*  
6 *“2026” and inserting “Not later than December 31 of each*  
7 *even-numbered year through 2026”.*

8       (f) *MODIFICATIONS TO DEFENSE NUCLEAR NON-*  
9 *PROLIFERATION MANAGEMENT PLAN.*—

10           (1) *MODIFICATION OF SUBMISSION.*—Section  
11       4309 of the Atomic Energy Defense Act (50 U.S.C.  
12       2575) is amended—

13                   (A) *by striking subsection (c);*

14                   (B) *by redesignating subsection (b) as sub-*  
15       *section (c); and*

16                   (C) *by striking subsection (a) and inserting*  
17       *the following new subsections:*

18       “(a) *PLAN REQUIRED.*—*The Administrator shall de-*  
19 *velop and annually update a five-year management plan*  
20 *for activities associated with the defense nuclear non-*  
21 *proliferation programs of the Administration to prevent*  
22 *and counter the proliferation of materials, technology,*  
23 *equipment, and expertise related to nuclear and radio-*  
24 *logical weapons in order to minimize and address the risk*  
25 *of nuclear terrorism and the proliferation of such weapons.*

1       “(b) *SUBMISSION TO CONGRESS.*—(1) *Not later than*  
2 *March 15 of each even-numbered year, the Administrator*  
3 *shall submit to the congressional defense committees a sum-*  
4 *mary of the plan developed under subsection (a).*

5       “(2) *Not later than March 15 of each odd-numbered*  
6 *year, the Administrator shall submit to the congressional*  
7 *defense committees a detailed report on the plan developed*  
8 *under subsection (a).*

9       “(3) *Each summary submitted under paragraph (1)*  
10 *and each report submitted under paragraph (2) shall be*  
11 *submitted in unclassified form, but may include a classified*  
12 *annex if necessary.*”.

13               (2) *ELIMINATION OF IDENTIFICATION OF FUTURE*  
14 *INTERNATIONAL CONTRIBUTIONS.*—*Subsection (c) of*  
15 *such section, as redesignated by paragraph (1)(B), is*  
16 *further amended—*

17                       (A) *by striking paragraph (14); and*

18                       (B) *by redesignating paragraphs (15) and*  
19 *(16) as paragraphs (14) and (15), respectively.*

20               (3) *CONFORMING AMENDMENTS.*—*Subsection (c)*  
21 *of such section, as redesignated by paragraph (1)(B)*  
22 *and amended by paragraph (2), is further amended—*

23                       (A) *in paragraph (2), by striking “the plan*  
24 *required by subsection (a)” and inserting “the*  
25 *summary required by paragraph (1) of sub-*

1           *section (b) or the report required by paragraph*  
2           *(2) of that subsection, as the case may be”;*

3           *(B) in paragraph (6), by striking “the plan*  
4           *required by subsection (a)” and inserting “the*  
5           *summary required by paragraph (1) of sub-*  
6           *section (b) or the report required by paragraph*  
7           *(2) of that subsection, as the case may be”;*

8           *(C) in paragraph (7), by striking “the plan*  
9           *required by subsection (a)” and inserting “the*  
10           *summary required by paragraph (1) of sub-*  
11           *section (b) or the report required by paragraph*  
12           *(2) of that subsection, as the case may be,”;*

13           *(D) in paragraph (9), by striking “the plan*  
14           *required by subsection (a)” and inserting “the*  
15           *summary required by paragraph (1) of sub-*  
16           *section (b) or the report required by paragraph*  
17           *(2) of that subsection, as the case may be,”; and*

18           *(E) in paragraph (10), by striking “the*  
19           *plan required by subsection (a)” and inserting*  
20           *“the summary required by paragraph (1) of sub-*  
21           *section (b) or the report required by paragraph*  
22           *(2) of that subsection, as the case may be,”.*

23           *(g) MODIFICATION OF SUBMISSION OF COST-BENEFIT*  
24           *ANALYSES FOR COMPETITION OF MANAGEMENT AND OPER-*  
25           *ATING CONTRACTS.—Section 3121 of the National Defense*

1 *Authorization Act for Fiscal Year 2013 (Public Law 112–*  
2 *239; 126 Stat. 2175), as most recently amended by section*  
3 *3135 of the National Defense Authorization Act for Fiscal*  
4 *Year 2016 (Public Law 114–92; 129 Stat. 1207), is further*  
5 *amended in subsection (a) by striking “30 days” and in-*  
6 *serting “180 days”.*

7 **SEC. 3114. NATIONAL NUCLEAR SECURITY ADMINISTRA-**  
8 **TION PERSONNEL SYSTEM.**

9 *(a) IN GENERAL.—Subtitle C of the National Nuclear*  
10 *Security Administration Act (50 U.S.C. 2441 et seq.) is*  
11 *amended by adding at the end the following new section:*

12 **“SEC. 3248. ALTERNATIVE PERSONNEL SYSTEM.**

13 *“(a) IN GENERAL.—The Administrator may adapt the*  
14 *pay banding and performance-based pay adjustment dem-*  
15 *onstration project carried out by the Administration under*  
16 *the authority provided by section 4703 of title 5, United*  
17 *States Code, into a permanent alternative personnel system*  
18 *for the Administration (to be known as the ‘National Nu-*  
19 *clear Security Administration Personnel System’) and im-*  
20 *plement that system with respect to employees of the Ad-*  
21 *ministration.*

22 *“(b) MODIFICATIONS.—In adapting the demonstration*  
23 *project described in subsection (a) into a permanent alter-*  
24 *native personnel system, the Administrator—*

1           “(1) may, subject to paragraph (2), revise the re-  
2           quirements and limitations of the demonstration  
3           project to the extent necessary; and

4           “(2) shall ensure that the permanent alternative  
5           personnel system is carried out in a manner con-  
6           sistent with the final plan for the demonstration  
7           project (72 Fed. Reg. 72776).

8           “(c) *APPLICATION TO NAVAL NUCLEAR PROPULSION*  
9           *PROGRAM.*—*The Administrator may apply the alternative*  
10          *personnel system under subsection (a) to all employees of*  
11          *the Naval Nuclear Propulsion Program in the competitive*  
12          *service (as defined in section 2102 of title 5, United States*  
13          *Code).”.*

14          (b) *CLERICAL AMENDMENT.*—*The table of contents for*  
15          *the National Nuclear Security Administration Act is*  
16          *amended by inserting after the item relating to section 3247*  
17          *the following new item:*

          “Sec. 3248. *Alternative personnel system.*”.

18          **SEC. 3115. ANNUAL REPORTS ON UNFUNDED PRIORITIES**  
19                               **OF NATIONAL NUCLEAR SECURITY ADMINIS-**  
20                               **TRATION.**

21          (a) *IN GENERAL.*—*Subtitle A of title XLVII of the*  
22          *Atomic Energy Defense Act (50 U.S.C. 2741 et seq.) is*  
23          *amended by adding at the end the following new section:*

1 **“SEC. 4715. UNFUNDED PRIORITIES OF THE NATIONAL NU-**  
2 **CLEAR SECURITY ADMINISTRATION.**

3       “(a) *ANNUAL REPORT.*—Not later than 10 days after  
4 the date on which the budget of the President for a fiscal  
5 year is submitted to Congress pursuant to section 1105(a)  
6 of title 31, United States Code, the Administrator shall sub-  
7 mit to the Secretary of Energy and the congressional defense  
8 committees a report on the unfunded priorities of the Ad-  
9 ministration.

10       “(b) *ELEMENTS.*—

11               “(1) *IN GENERAL.*—Each report required by sub-  
12 section (a) shall specify, for each unfunded priority  
13 covered by the report, the following:

14                       “(A) A summary description of that pri-  
15 ority, including the objectives to be achieved if  
16 that priority is funded (whether in whole or in  
17 part).

18                       “(B) The additional amount of funds rec-  
19 ommended in connection with the objectives  
20 under subparagraph (A).

21                       “(C) Account information with respect to  
22 that priority.

23       “(2) *PRIORITIZATION OF PRIORITIES.*—Each re-  
24 port required by subsection (a) shall present the un-  
25 funded priorities covered by the report in order of ur-  
26 gency of priority.

1       “(c) *UNFUNDED PRIORITY DEFINED.*—*In this section,*  
 2 *the term ‘unfunded priority’, in the case of a fiscal year,*  
 3 *means a program, activity, or mission requirement that—*

4               “(1) *is not funded in the budget of the President*  
 5 *for that fiscal year as submitted to Congress pursuant*  
 6 *to section 1105(a) of title 31, United States Code;*

7               “(2) *is necessary to fulfill a requirement associ-*  
 8 *ated with an operational or contingency plan or other*  
 9 *validated requirement of the Administration; and*

10              “(3) *would have been recommended for funding*  
 11 *through the budget referred to in paragraph (1) by the*  
 12 *Secretary of Energy—*

13                   “(A) *if additional resources were available*  
 14 *for the budget to fund the program, activity, or*  
 15 *mission requirement; or*

16                   “(B) *in the case of a program, activity, or*  
 17 *mission requirement that emerged after the budg-*  
 18 *et was formulated, if the program, activity, or*  
 19 *mission requirement had emerged before the*  
 20 *budget was formulated.”.*

21       (b) *CLERICAL AMENDMENT.*—*The table of contents for*  
 22 *the Atomic Energy Defense Act is amended by inserting*  
 23 *after the item relating to section 4714 the following new*  
 24 *item:*

“*Sec. 4715. Unfunded priorities of the National Nuclear Security Administra-*  
*tion.”.*

1 **SEC. 3116. EXTENSION OF AUTHORIZATION OF ADVISORY**  
 2 **BOARD ON TOXIC SUBSTANCES AND WORKER**  
 3 **HEALTH.**

4 *Section 3687(i) of the Energy Employees Occupational*  
 5 *Illness Compensation Program Act of 2000 (42 U.S.C.*  
 6 *7385s–16(i)) is amended by striking “5 years” and insert-*  
 7 *ing “10 years”.*

8 **TITLE XXXII—DEFENSE NU-**  
 9 **CLEAR FACILITIES SAFETY**  
 10 **BOARD**

11 **SEC. 3201. AUTHORIZATION.**

12 *There are authorized to be appropriated for fiscal year*  
 13 *2018, \$30,600,000 for the operation of the Defense Nuclear*  
 14 *Facilities Safety Board under chapter 21 of the Atomic En-*  
 15 *ergy Act of 1954 (42 U.S.C. 2286 et seq.).*

16 **TITLE XXXV—MARITIME**  
 17 **ADMINISTRATION**

18 **SEC. 3501. MARITIME ADMINISTRATION.**

19 *Section 109 of title 49, United States Code, is amended*  
 20 *to read as follows:*

21 **“§ 109. Maritime Administration**

22 *“(a) ORGANIZATION AND MISSION.—The Maritime*  
 23 *Administration is an administration in the Department of*  
 24 *Transportation. The mission of the Maritime Administra-*  
 25 *tion is to foster, promote, and develop the merchant mari-*  
 26 *time industry of the United States.*

1       “(b) *MARITIME ADMINISTRATOR.*—*The head of the*  
2 *Maritime Administration is the Maritime Administrator,*  
3 *who is appointed by the President by and with the advice*  
4 *and consent of the Senate. The Administrator shall report*  
5 *directly to the Secretary of Transportation and carry out*  
6 *the duties prescribed by the Secretary.*

7       “(c) *DEPUTY MARITIME ADMINISTRATOR.*—*The Mari-*  
8 *time Administration shall have a Deputy Maritime Admin-*  
9 *istrator, who is appointed in the competitive service by the*  
10 *Secretary, after consultation with the Administrator. The*  
11 *Deputy Administrator shall carry out the duties prescribed*  
12 *by the Administrator. The Deputy Administrator shall be*  
13 *Acting Administrator during the absence or disability of*  
14 *the Administrator and, unless the Secretary designates an-*  
15 *other individual, during a vacancy in the office of Adminis-*  
16 *trator.*

17       “(d) *DUTIES AND POWERS VESTED IN SECRETARY.*—  
18 *All duties and powers of the Maritime Administration are*  
19 *vested in the Secretary.*

20       “(e) *REGIONAL OFFICES.*—*The Maritime Administra-*  
21 *tion shall have regional offices for the Atlantic, Gulf, Great*  
22 *Lakes, and Pacific port ranges, and may have other re-*  
23 *gional offices as necessary. The Secretary shall appoint a*  
24 *qualified individual as Director of each regional office. The*  
25 *Secretary shall carry out appropriate activities and pro-*

1 *grams of the Maritime Administration through the regional*  
2 *offices.*

3       “(f) *INTERAGENCY AND INDUSTRY RELATIONS.*—*The*  
4 *Secretary shall establish and maintain liaison with other*  
5 *agencies, and with representative trade organizations*  
6 *throughout the United States, concerned with the transpor-*  
7 *tation of commodities by water in the export and import*  
8 *foreign commerce of the United States, for the purpose of*  
9 *securing preference to vessels of the United States for the*  
10 *transportation of those commodities.*

11       “(g) *DETAILING OFFICERS FROM ARMED FORCES.*—  
12 *To assist the Secretary in carrying out duties and powers*  
13 *relating to the Maritime Administration, not more than*  
14 *five officers of the Armed Forces may be detailed to the Sec-*  
15 *retary at any one time, in addition to details authorized*  
16 *by any other law. During the period of a detail, the Sec-*  
17 *retary shall pay the officer an amount that, when added*  
18 *to the officer’s pay and allowances as an officer in the*  
19 *Armed Forces, makes the officer’s total pay and allowances*  
20 *equal to the amount that would be paid to an individual*  
21 *performing work the Secretary considers to be of similar*  
22 *importance, difficulty, and responsibility as that performed*  
23 *by the officer during the detail.*

24       “(h) *CONTRACTS, COOPERATIVE AGREEMENTS, AND*  
25 *AUDITS.*—

1           “(1) *CONTRACTS AND COOPERATIVE AGREE-*  
2           *MENTS.—In the same manner that a private corpora-*  
3           *tion may make a contract within the scope of its au-*  
4           *thority under its charter, the Secretary may make*  
5           *contracts and cooperative agreements for the United*  
6           *States Government and disburse amounts to—*

7                   “(A) *carry out the Secretary’s duties and*  
8                   *powers under this section, subtitle V of title 46,*  
9                   *and all other Maritime Administration pro-*  
10                   *grams; and*

11                   “(B) *protect, preserve, and improve collat-*  
12                   *eral held by the Secretary to secure indebtedness.*

13           “(2) *AUDITS.—The financial transactions of the*  
14           *Secretary under paragraph (1) shall be audited by the*  
15           *Comptroller General. The Comptroller General shall*  
16           *allow credit for an expenditure shown to be necessary*  
17           *because of the nature of the business activities author-*  
18           *ized by this section or subtitle V of title 46. At least*  
19           *once a year, the Comptroller General shall report to*  
20           *Congress any departure by the Secretary from this*  
21           *section or subtitle V of title 46.*

22           “(i) *GRANT ADMINISTRATIVE EXPENSES.—Except as*  
23           *otherwise provided by law, the administrative and related*  
24           *expenses for the administration of any grant programs by*  
25           *the Maritime Administrator may not exceed 3 percent.*

1       “(j) *AUTHORIZATION OF APPROPRIATIONS.*—

2               “(1) *IN GENERAL.*—*Except as otherwise provided*  
3 *in this subsection, there are authorized to be appro-*  
4 *propriated such amounts as may be necessary to carry*  
5 *out the duties and powers of the Secretary relating to*  
6 *the Maritime Administration.*

7               “(2) *LIMITATIONS.*—*Only those amounts specifi-*  
8 *cally authorized by law may be appropriated for the*  
9 *use of the Maritime Administration for—*

10               “(A) *acquisition, construction, or recon-*  
11 *struction of vessels;*

12               “(B) *construction-differential subsidies inci-*  
13 *dent to the construction, reconstruction, or recon-*  
14 *ditioning of vessels;*

15               “(C) *costs of national defense features;*

16               “(D) *payments of obligations incurred for*  
17 *operating-differential subsidies;*

18               “(E) *expenses necessary for research and de-*  
19 *velopment activities, including reimbursement of*  
20 *the Vessel Operations Revolving Fund for losses*  
21 *resulting from expenses of experimental vessel op-*  
22 *erations;*

23               “(F) *the Vessel Operations Revolving Fund;*

24               “(G) *National Defense Reserve Fleet ex-*  
25 *penses;*

1           “(H) expenses necessary to carry out part B  
2           of subtitle V of title 46; and

3           “(I) other operations and training expenses  
4           related to the development of waterborne trans-  
5           portation systems, the use of waterborne trans-  
6           portation systems, and general administration.”.

## 7    ***DIVISION D—FUNDING TABLES***

### 8    ***SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-*** 9           ***BLES.***

10       (a) *IN GENERAL.*—Whenever a funding table in this  
11       division specifies a dollar amount authorized for a project,  
12       program, or activity, the obligation and expenditure of the  
13       specified dollar amount for the project, program, or activity  
14       is hereby authorized, subject to the availability of appro-  
15       priations.

16       (b) *MERIT-BASED DECISIONS.*—A decision to commit,  
17       obligate, or expend funds with or to a specific entity on  
18       the basis of a dollar amount authorized pursuant to sub-  
19       section (a) shall—

20           (1) be based on merit-based selection procedures  
21           in accordance with the requirements of sections  
22           2304(k) and 2374 of title 10, United States Code, or  
23           on competitive procedures; and

24           (2) comply with other applicable provisions of  
25           law.

1           (c) *RELATIONSHIP TO TRANSFER AND PROGRAMMING*  
 2 *AUTHORITY.*—An amount specified in the funding tables in  
 3 this division may be transferred or reprogrammed under  
 4 a transfer or reprogramming authority provided by another  
 5 provision of this Act or by other law. The transfer or re-  
 6 programming of an amount specified in such funding tables  
 7 shall not count against a ceiling on such transfers or  
 8 reprogrammings under section 1001 or section 1522 of this  
 9 Act or any other provision of law, unless such transfer or  
 10 reprogramming would move funds between appropriation  
 11 accounts.

12           (d) *APPLICABILITY TO CLASSIFIED ANNEX.*—This sec-  
 13 tion applies to any classified annex that accompanies this  
 14 Act.

15           (e) *ORAL WRITTEN COMMUNICATIONS.*—No oral or  
 16 written communication concerning any amount specified in  
 17 the funding tables in this division shall supersede the re-  
 18 quirements of this section.

## 19           **TITLE XLI—PROCUREMENT**

### 20           **SEC. 4101. PROCUREMENT.**

<b>SEC. 4101. PROCUREMENT</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
<b>AIRCRAFT PROCUREMENT, ARMY</b>			
<b>FIXED WING</b>			
2	UTILITY F/W AIRCRAFT .....	75,115	75,115
4	MQ-1 UAV .....	30,206	130,206
	UFR: ER Improved Gray Eagle Air Vehicles .....		[100,000]
<b>ROTARY</b>			
5	HELICOPTER, LIGHT UTILITY (LUH) .....	108,383	108,383
6	AH-64 APACHE BLOCK IIIA REMAN .....	725,976	764,976
	UFR: Procures remanufactured AH64Es .....		[39,000]
7	AH-64 APACHE BLOCK IIIA REMAN (AP) .....	170,910	170,910
8	AH-64 APACHE BLOCK IIIB NEW BUILD .....	374,100	647,800
	UFR: Procures AH-64E .....		[273,700]
9	AH-64 APACHE BLOCK IIIB NEW BUILD (AP) .....	71,900	71,900
10	UH-60 BLACKHAWK M MODEL (MYP) .....	938,308	938,308

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
11	UH-60 BLACKHAWK M MODEL (MYP) (AP) .....	86,295	86,295
12	UH-60 BLACK HAWK A AND L MODELS .....	76,516	76,516
13	CH-47 HELICOPTER .....	202,576	449,140
	UFR: New Build MH-47G aircraft .....		[246,564]
14	CH-47 HELICOPTER (AP) .....	17,820	17,820
	<b>MODIFICATION OF AIRCRAFT</b>		
15	MQ-1 PAYLOAD (MIP) .....	5,910	21,910
	UFR: Procures of Common Sensor Payloads .....		[16,000]
16	UNIVERSAL GROUND CONTROL EQUIPMENT (UAS) .....	15,000	15,000
17	GRAY EAGLE MODS? .....	74,291	74,291
18	MULTI SENSOR ABN RECON (MIP) .....	68,812	98,287
	UFR: Procures of Electronic Intelligence (ELINT) upgrades .....		[29,475]
19	AH-64 MODS .....	238,141	238,141
20	CH-47 CARGO HELICOPTER MODS (MYP) .....	20,166	20,166
21	GRCS SEMA MODS (MIP) .....	5,514	5,514
22	ARL SEMA MODS (MIP) .....	11,650	11,650
23	EMARSS SEMA MODS (MIP) .....	15,279	15,279
24	UTILITY/CARGO AIRPLANE MODS .....	57,737	57,737
25	UTILITY HELICOPTER MODS .....	5,900	5,900
26	NETWORK AND MISSION PLAN .....	142,102	142,102
27	COMMS, NAV SURVEILLANCE .....	166,050	166,050
28	GATM ROLLUP .....	37,403	37,403
29	RQ-7 UAV MODS .....	83,160	214,160
	UFR: Procures Shadow V2 BLK III systems .....		[131,000]
30	UAS MODS .....	26,109	26,429
	UFR: Procures OSRVT systems .....		[320]
	<b>GROUND SUPPORT AVIONICS</b>		
31	AIRCRAFT SURVIVABILITY EQUIPMENT .....	70,913	70,913
32	SURVIVABILITY CM .....	5,884	5,884
33	CMWS .....	26,825	51,825
	UFR: Limited Interim Missile Warning System (LIMWS) Quick Reaction Capability .....		[25,000]
34	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	6,337	31,337
	UFR: CIRCM B-Kits .....		[25,000]
	<b>OTHER SUPPORT</b>		
35	AVIONICS SUPPORT EQUIPMENT .....	7,038	7,038
36	COMMON GROUND EQUIPMENT .....	47,404	47,404
37	AIRCREW INTEGRATED SYSTEMS .....	47,066	47,066
38	AIR TRAFFIC CONTROL .....	83,790	84,905
	UFR: Airspace Information System shelter and Alternate Workstation .....		[1,115]
39	INDUSTRIAL FACILITIES .....	1,397	1,397
40	LAUNCHER, 2.75 ROCKET .....	1,911	1,911
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....	<b>4,149,894</b>	<b>5,037,068</b>
	<b>MISSILE PROCUREMENT, ARMY</b>		
	<b>SURFACE-TO-AIR MISSILE SYSTEM</b>		
1	LOWER TIER AIR AND MISSILE DEFENSE (AMD) .....	140,826	140,826
2	MSE MISSILE .....	459,040	1,109,081
	UFR: Additional MSE missiles .....		[650,041]
3	INDIRECT FIRE PROTECTION CAPABILITY INC 2-I .....	57,742	38,742
	Available prior year funds .....		[-19,000]
	<b>AIR-TO-SURFACE MISSILE SYSTEM</b>		
5	HELLFIRE SYS SUMMARY .....	94,790	104,860
	UFR: Procures maximum Hellfire missile .....		[10,070]
6	JOINT AIR-TO-GROUND MSLS (JAGM) .....	178,432	133,432
	Excess due to delays .....		[-45,000]
	<b>ANTI-TANK/ASSAULT MISSILE SYS</b>		
8	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	110,123	257,488
	UFR: Procures additional Javelin .....		[147,365]
9	TOW 2 SYSTEM SUMMARY .....	85,851	85,851
10	TOW 2 SYSTEM SUMMARY (AP) .....	19,949	19,949
11	GUIDED MLRS ROCKET (GMLRS) .....	595,182	609,682
	UFR: Tooling and practice rounds .....		[14,500]
12	MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) .....	28,321	34,651
	UFR: Funds Reduced Range Practice Rockets .....		[6,330]
	<b>MODIFICATIONS</b>		
15	PATRIOT MODS .....	329,073	496,527
	UFR: Procures additional ELES .....		[167,454]
16	ATACMS MODS .....	116,040	185,440
	UFR: Additional ATACMS .....		[69,400]
17	GMLRS MOD .....	531	531
18	STINGER MODS .....	63,090	91,890
	UFR: Maximizes Stinger .....		[28,800]
19	AVENGER MODS .....	62,931	62,931
20	ITAS/TOW MODS .....	3,500	3,500
21	MLRS MODS .....	138,235	187,117
	UFR: Procures M270A1 MLRS launchers .....		[48,882]
22	HIMARS MODIFICATIONS .....	9,566	9,566
	<b>AIR-TO-SURFACE MISSILE SYSTEM</b>		

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
27	HIMARS .....	0	435,728
	UFR: Procures HIMARS launchers .....		[435,728]
	<b>SPARES AND REPAIR PARTS</b>		
23	SPARES AND REPAIR PARTS .....	18,915	18,915
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
24	AIR DEFENSE TARGETS .....	5,728	5,728
26	PRODUCTION BASE SUPPORT .....	1,189	1,189
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>2,519,054</b>	<b>4,033,624</b>
	<b>PROCUREMENT OF W&amp;TCV, ARMY</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
1	BRADLEY PROGRAM .....	0	111,000
	UFR: Recap 1 Infantry Battalion Set of M2A4 .....		[111,000]
2	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	193,715	193,715
	<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>		
4	STRYKER (MOD) .....	97,552	793,052
	UFR: Second SBCT set of 30mm .....		[347,500]
	UFR: Stryker ECP .....		[348,000]
6	BRADLEY PROGRAM (MOD) .....	444,851	444,851
7	M109 FOV MODIFICATIONS .....	64,230	64,230
8	PALADIN INTEGRATED MANAGEMENT (PIM) .....	646,413	646,413
9	IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) .....	72,402	194,402
	UFR: Procures one ABCT set of HERCULES (M88A2) .....		[122,000]
10	ASSAULT BRIDGE (MOD) .....	5,855	5,855
11	ASSAULT BREACHER VEHICLE .....	34,221	94,221
	UFR: Procures Assault Breacher Vehicles, Combat Dozer Blades, Full Width Mine Plows ...		[60,000]
12	M88 FOV MODS .....	4,826	4,826
13	JOINT ASSAULT BRIDGE .....	128,350	128,350
14	M1 ABRAMS TANK (MOD) .....	248,826	469,826
	UFR: Completes the first Brigade set of Trophy (NDI APS) for Abrams w/ ERI OCO (1 APS Set) .....		[221,000]
15	ABRAMS UPGRADE PROGRAM .....	275,000	836,000
	UFR: Recapitalization of 29 Abrams tanks to M1A2SEPv3 .....		[561,000]
	<b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>		
18	M240 MEDIUM MACHINE GUN (7.62MM) .....	1,992	4,342
	UFR: Procures additional .....		[2,350]
19	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....	6,520	26,520
	UFR: Procures M3E1 light weight Carl Gustaf weapon systems .....		[20,000]
20	MORTAR SYSTEMS .....	21,452	34,502
	UFR: Procures M121 120mm Mortars .....		[13,050]
21	XM320 GRENADE LAUNCHER MODULE (GLM) .....	4,524	5,323
	UFR: Procures M320A1 40mm Grenade Launchers .....		[799]
23	CARBINE .....	43,150	57,137
	UFR: Procures M4A1 carbines .....		[13,987]
24	COMMON REMOTELY OPERATED WEAPONS STATION .....	750	10,750
	UFR: Accelerate CROWS modifications .....		[10,000]
25	HANDGUN .....	8,326	8,704
	UFR: Procures Modular Handgun Systems .....		[378]
	<b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>		
26	MK-19 GRENADE MACHINE GUN MODS .....	2,000	2,000
27	M777 MODS .....	3,985	89,772
	UFR: Funds M777 lightweight towed howitzers .....		[85,787]
28	M4 CARBINE MODS .....	31,315	31,315
29	M2 50 CAL MACHINE GUN MODS .....	47,414	52,670
	UFR: Procures M2A1 .50cal machine .....		[2,350]
	UFR: Procures Mk93 MG mounts, M2A1 .50cal MGs, M205 tripods .....		[2,906]
30	M249 SAW MACHINE GUN MODS .....	3,339	3,339
31	M240 MEDIUM MACHINE GUN MODS .....	4,577	11,159
	UFR: Procures M192 tripods, M240B 7.62mm, M240L 7.62mm, Gun Optics .....		[6,582]
32	SNIPER RIFLES MODIFICATIONS .....	1,488	1,488
33	M119 MODIFICATIONS .....	12,678	12,678
34	MORTAR MODIFICATION .....	3,998	3,998
35	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) .....	2,219	2,219
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
36	ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....	5,075	7,788
	UFR: Procures M150 Rifle Combat Optic (RCO); M68 Close Combat Optics (CCO) .....		[2,713]
37	PRODUCTION BASE SUPPORT (WOCV-WTCV) .....	992	992
39	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) .....	1,573	1,573
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....	<b>2,423,608</b>	<b>4,355,010</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>		
	<b>SMALL/MEDIUM CAL AMMUNITION</b>		
1	CTG, 5.56MM, ALL TYPES .....	39,767	46,992
	UFR: Additional ammunition .....		[7,225]
2	CTG, 7.62MM, ALL TYPES .....	46,804	61,704
	UFR: Additional ammunition .....		[14,900]
3	CTG, HANDGUN, ALL TYPES .....	10,413	10,503
	UFR: Additional ammunition .....		[90]

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
4	CTG, .50 CAL, ALL TYPES .....	62,837	71,727
	UFR: Additional ammunition .....		[8,890]
5	CTG, 20MM, ALL TYPES .....	8,208	8,208
6	CTG, 25MM, ALL TYPES .....	8,640	40,502
	UFR: Additional ammunition .....		[31,862]
7	CTG, 30MM, ALL TYPES .....	76,850	79,000
	UFR: Additional ammunition .....		[2,150]
8	CTG, 40MM, ALL TYPES .....	108,189	125,380
	UFR: Additional ammunition .....		[17,191]
	<b>MORTAR AMMUNITION</b>		
9	60MM MORTAR, ALL TYPES .....	57,359	59,865
	UFR: Additional ammunition .....		[2,506]
10	81MM MORTAR, ALL TYPES .....	49,471	52,580
	UFR: Additional mortar .....		[3,109]
11	120MM MORTAR, ALL TYPES .....	91,528	109,720
	UFR: Additional 120mm .....		[18,192]
	<b>TANK AMMUNITION</b>		
12	CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES .....	133,500	173,800
	UFR: Additional Tank cartridge .....		[40,300]
	<b>ARTILLERY AMMUNITION</b>		
13	ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES .....	44,200	44,200
14	ARTILLERY PROJECTILE, 155MM, ALL TYPES .....	187,149	346,330
	UFR: Additional ammunition .....		[159,181]
15	PROJ 155MM EXTENDED RANGE M982 .....	49,000	282,500
	UFR: Excalibur .....		[233,500]
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....	83,046	163,768
	UFR: Additional PGK, prop charges, artillery fuzes .....		[48,601]
	UFR: Required to execute simultaneous OPLAN .....		[32,121]
	<b>MINES</b>		
17	MINES & CLEARING CHARGES, ALL TYPES .....	3,942	6,992
	UFR: Additional ammunition .....		[3,050]
	<b>ROCKETS</b>		
19	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....	5,000	66,881
	UFR: Additional rockets, grenades .....		[61,881]
20	ROCKET, HYDRA 70, ALL TYPES .....	161,155	229,242
	UFR: Additional APKWS .....		[68,087]
	<b>OTHER AMMUNITION</b>		
21	CAD/PAD, ALL TYPES .....	7,441	7,441
22	DEMOLITION MUNITIONS, ALL TYPES .....	19,345	21,606
	UFR: Additional munitions .....		[2,261]
23	GRENADES, ALL TYPES .....	22,759	48,120
	UFR: Additional ammunition .....		[25,361]
24	SIGNALS, ALL TYPES .....	2,583	3,412
	UFR: Additional signal munitions .....		[829]
25	SIMULATORS, ALL TYPES .....	13,084	13,534
	UFR: Additional signal munitions .....		[450]
	<b>MISCELLANEOUS</b>		
26	AMMO COMPONENTS, ALL TYPES .....	12,237	12,237
27	NON-LETHAL AMMUNITION, ALL TYPES .....	1,500	1,650
	UFR: Non-Lethal Hand Grenade Munitions .....		[150]
28	ITEMS LESS THAN \$5 MILLION (AMMO) .....	10,730	14,395
	UFR: Additional ammunition .....		[3,665]
29	AMMUNITION PECULIAR EQUIPMENT .....	16,425	16,425
30	FIRST DESTINATION TRANSPORTATION (AMMO) .....	15,221	15,221
	<b>PRODUCTION BASE SUPPORT</b>		
32	INDUSTRIAL FACILITIES .....	329,356	429,356
	UFR: Upgrade at GOCO Army ammunition plants .....		[100,000]
33	CONVENTIONAL MUNITIONS DEMILITARIZATION .....	197,825	197,825
34	ARMS INITIATIVE .....	3,719	3,719
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....	<b>1,879,283</b>	<b>2,764,835</b>
	<b>OTHER PROCUREMENT, ARMY</b>		
	<b>TACTICAL VEHICLES</b>		
1	TACTICAL TRAILERS/DOLLY SETS .....	9,716	10,871
	UFR: Provides self-haul capability to Engineer Construction Units .....		[1,155]
2	SEMITRAILERS, FLATBED: .....	14,151	41,151
	UFR: Procures 100 % of equipment shortage in Europe for M872 .....		[27,000]
3	AMBULANCE, 4 LITTER, 5/4 TON, 4X4 .....	53,000	68,593
	UFR: Procures HMMWV ambulances .....		[15,000]
	UFR: Support increased end-strength .....		[593]
4	GROUND MOBILITY VEHICLES (GMV) .....	40,935	40,935
6	JOINT LIGHT TACTICAL VEHICLE .....	804,440	804,440
7	TRUCK, DUMP, 20T (CCE) .....	967	967
8	FAMILY OF MEDIUM TACTICAL VEH (FMTV) .....	78,650	263,872
	UFR: Procures vehicles .....		[185,222]
9	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP .....	19,404	19,404
10	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....	81,656	89,099
	UFR: Procures Forward Repair Systems (FRS) .....		[7,443]

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11	PLS ESP .....	7,129	59,804
	UFR: Provides transportation of ammunition and break-bulk cargo .....		[52,675]
13	TACTICAL WHEELED VEHICLE PROTECTION KITS .....	43,040	43,040
14	MODIFICATION OF IN SVC EQUIP .....	83,940	191,667
	UFR: Additional Buffalo and MMPV .....		[107,727]
	<b>NON-TACTICAL VEHICLES</b>		
16	HEAVY ARMORED SEDAN .....	269	269
17	PASSENGER CARRYING VEHICLES .....	1,320	1,320
18	NONTACTICAL VEHICLES, OTHER .....	6,964	6,964
	<b>COMM—JOINT COMMUNICATIONS</b>		
19	WIN-T—GROUND FORCES TACTICAL NETWORK .....	420,492	0
	Early to need .....		[-420,492]
20	SIGNAL MODERNIZATION PROGRAM .....	92,718	92,718
21	TACTICAL NETWORK TECHNOLOGY MOD IN SVC .....	150,497	150,497
22	JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY .....	6,065	6,065
23	JCSE EQUIPMENT (USREDCOM) .....	5,051	5,051
	<b>COMM—SATELLITE COMMUNICATIONS</b>		
24	DEFENSE ENTERPRISE WIDERAND SATCOM SYSTEMS .....	161,383	161,383
25	TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....	62,600	62,600
26	SHF TERM .....	11,622	11,622
28	SMART-T (SPACE) .....	6,799	6,799
29	GLOBAL BRDCST SVC—GBS .....	7,065	18,065
	UFR: Procures Global Broadcast Systems .....		[11,000]
31	ENROUTE MISSION COMMAND (EMC) .....	21,667	21,667
	<b>COMM—COMBAT SUPPORT COMM</b>		
33	MOD-IN-SERVICE PROFILER .....	70	70
	<b>COMM—C3 SYSTEM</b>		
34	ARMY GLOBAL CMD & CONTROL SYS (AGCCS) .....	2,658	2,658
	<b>COMM—COMBAT COMMUNICATIONS</b>		
36	HANDHELD MANPACK SMALL FORM FIT (HMS) .....	355,351	355,351
37	MID-TIER NETWORKING VEHICULAR RADIO (MNVIR) .....	25,100	25,100
38	RADIO TERMINAL SET, MIDS LVT(2) .....	11,160	11,160
40	TRACTOR DESK .....	2,041	2,041
41	TRACTOR RIDE .....	5,534	13,734
	UFR: Procurement of Offensive Cyber Operations .....		[8,200]
42	SPIDER APLA REMOTE CONTROL UNIT .....	996	996
43	SPIDER FAMILY OF NETWORKED MUNITIONS INCR .....	4,500	6,858
	UFR: Procures SPIDER INC 1A systems .....		[2,358]
45	TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM .....	4,411	4,411
46	UNIFIED COMMAND SUITE .....	15,275	15,275
47	FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....	15,964	15,964
	<b>COMM—INTELLIGENCE COMM</b>		
49	CI AUTOMATION ARCHITECTURE .....	9,560	9,560
50	DEFENSE MILITARY DECEPTION INITIATIVE .....	4,030	4,030
	<b>INFORMATION SECURITY</b>		
54	COMMUNICATIONS SECURITY (COMSEC) .....	107,804	131,082
	UFR: Security Data System and End Cryptographic Units .....		[23,278]
55	DEFENSIVE CYBER OPERATIONS .....	53,436	61,436
	UFR: Funds Deployable DCO Systems for COMPO 2&3 Cyber Protection Teams .....		[8,000]
56	INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO .....	690	690
57	PERSISTENT CYBER TRAINING ENVIRONMENT .....	4,000	4,000
	<b>COMM—LONG HAUL COMMUNICATIONS</b>		
58	BASE SUPPORT COMMUNICATIONS .....	43,751	43,751
	<b>COMM—BASE COMMUNICATIONS</b>		
59	INFORMATION SYSTEMS .....	118,101	118,101
60	EMERGENCY MANAGEMENT MODERNIZATION PROGRAM .....	4,490	4,490
61	HOME STATION MISSION COMMAND CENTERS (HSMCC) .....	20,050	20,050
62	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	186,251	186,251
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>		
65	JTT/CIBS-M .....	12,154	19,754
	UFR: Procures critical spare parts .....		[7,600]
68	DCGS-A (MIP) .....	274,782	124,782
	Changing tactical requirements .....		[-150,000]
70	TROJAN (MIP) .....	16,052	29,212
	UFR: Procures TROJAN SPIRIT .....		[13,160]
71	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	51,034	51,034
72	CI HUMINT AUTO REPRTING AND COLL(CHARCS) .....	7,815	7,891
	UFR: Provides CI/HUMINT Automated Reporting and Collection System capabilities .....		[76]
73	CLOSE ACCESS TARGET RECONNAISSANCE (CATR) .....	8,050	8,050
74	MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM-M .....	567	567
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
76	LIGHTWEIGHT COUNTER MORTAR RADAR .....	20,459	20,459
77	EW PLANNING & MANAGEMENT TOOLS (EWPMT) .....	5,805	5,805
78	AIR VIGILANCE (AV) .....	5,348	5,348
81	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....	469	469
82	CI MODERNIZATION .....	285	285
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
83	SENTINEL MODS .....	28,491	100,491

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	UFR: Procures additional Sentinel Radars .....		[72,000]
84	NIGHT VISION DEVICES .....	166,493	231,498
	New night vision testing devices .....		[2,500]
	UFR: Accelerates fielding of the LTLM .....		[15,749]
	UFR: AN/PVS-14 Night Vision Goggles .....		[5,414]
	UFR: Enhanced Night Vision Goggles .....		[4,608]
	UFR: Security Force Assistance Bde .....		[36,734]
85	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....	13,947	16,097
	UFR: Procures Small Tactical Optical Rifle Mounted laser range finder .....		[2,150]
87	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	21,380	598,663
	UFR: IPPC/Averager Battalions and Warn Suites .....		[577,283]
88	FAMILY OF WEAPON SIGHTS (FWS) .....	59,105	59,105
89	ARTILLERY ACCURACY EQUIP .....	2,129	2,129
91	JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....	282,549	402,971
	UFR: Replenishes Joint Battle Command- Platform .....		[120,432]
92	JOINT EFFECTS TARGETING SYSTEM (JETS) .....	48,664	48,664
93	MOD OF IN-SVC EQUIP (LLDR) .....	5,198	5,198
94	COMPUTER BALLISTICS: LHMC XM32 .....	8,117	8,117
95	MORTAR FIRE CONTROL SYSTEM .....	31,813	52,513
	UFR: Procures Mortar Fire Control systems (M95, M96) .....		[20,700]
96	COUNTERFIRE RADARS .....	329,057	393,257
	UFR: Procures AN/TPQ-53 Counterfire Target Acquisition Radar System .....		[64,200]
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>		
97	FIRE SUPPORT C2 FAMILY .....	8,700	13,458
	UFR: Additional Advanced Field Artillery Tactical Data System (AFATDS) .....		[4,758]
98	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	26,635	123,613
	UFR: Supports fielding (AMD) mission command assets to a Army Corps HQ .....		[96,978]
100	LIFE CYCLE SOFTWARE SUPPORT (LCSS) .....	1,992	1,992
101	NETWORK MANAGEMENT INITIALIZATION AND SERVICE .....	15,179	15,179
102	MANEUVER CONTROL SYSTEM (MCS) .....	132,572	137,391
	UFR: Tactical Mission Command Equipment .....		[4,819]
103	GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A) .....	37,201	37,201
104	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP) .....	16,140	16,140
105	RECONNAISSANCE AND SURVEYING INSTRUMENT SET .....	6,093	25,848
	UFR: Procures Engineer Instrument Set Field Reconnaissance and Survey Kits .....		[19,735]
106	MOD OF IN-SVC EQUIPMENT (ENFIRE) .....	1,134	2,593
	UFR: Support Security Force Assistance Bde .....		[1,459]
	<b>ELECT EQUIP—AUTOMATION</b>		
107	ARMY TRAINING MODERNIZATION .....	11,575	11,575
108	AUTOMATED DATA PROCESSING EQUIP .....	91,983	76,983
	Accelerate commercial IT solutions .....		[-15,000]
109	GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM .....	4,465	4,465
110	HIGH PERF COMPUTING MOD PGM (HPCMP) .....	66,363	66,363
111	CONTRACT WRITING SYSTEM .....	1,001	1,001
112	RESERVE COMPONENT AUTOMATION SYS (RCAS) .....	26,183	26,183
	<b>ELECT EQUIP—AUDIO VISUAL SYS (AV)</b>		
113	TACTICAL DIGITAL MEDIA .....	4,441	4,441
114	ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) .....	3,414	16,414
	UFR: Accelerate procurement of Global Positioning System-Survey .....		[3,000]
	UFR: Procures Automated Integrated Survey Instrument (AISI) systems .....		[10,000]
	<b>ELECT EQUIP—SUPPORT</b>		
115	PRODUCTION BASE SUPPORT (C-E) .....	499	499
116	BCT EMERGING TECHNOLOGIES .....	25,050	25,050
	<b>CLASSIFIED PROGRAMS</b>		
185	CLASSIFIED PROGRAMS .....	4,819	4,819
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		
117	PROTECTIVE SYSTEMS .....	1,613	1,613
118	FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....	9,696	9,696
120	CBRN DEFENSE .....	11,110	11,110
	<b>BRIDGING EQUIPMENT</b>		
121	TACTICAL BRIDGING .....	16,610	16,610
122	TACTICAL BRIDGE, FLOAT-RIBBON .....	21,761	43,761
	UFR: Procures Bridge Erection Boats .....		[22,000]
124	COMMON BRIDGE TRANSPORTER (CBT) RECAP .....	21,046	71,446
	UFR: Procure Common Bridge Transporters .....		[50,400]
	<b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>		
125	HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST .....	5,000	10,600
	UFR: Procures hand held mine detectors .....		[5,600]
126	GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....	32,442	43,262
	UFR: Equipment for 15th and 16th ABCT .....		[10,820]
127	AREA MINE DETECTION SYSTEM (AMDS) .....	10,571	10,571
128	HUSKY MOUNTED DETECTION SYSTEM (HMDS) .....	21,695	24,095
	UFR: Procures Husky Mounted Detection System .....		[2,400]
129	ROBOTIC COMBAT SUPPORT SYSTEM (RCSS) .....	4,516	19,616
	UFR: Procures M160s .....		[15,100]
130	EOD ROBOTICS SYSTEMS RECAPITALIZATION .....	10,073	21,073
	UFR: Procures the Talon 5A robot .....		[11,000]
131	ROBOTICS AND APPLIQUE SYSTEMS .....	3,000	3,000

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133	REMOTE DEMOLITION SYSTEMS .....	5,847	7,039
	UFR: Procures Radio Frequency Remote Activated Munitions .....		[1,192]
134	< \$5M, COUNTERMINE EQUIPMENT .....	1,530	1,530
135	FAMILY OF BOATS AND MOTORS .....	4,302	4,302
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
136	HEATERS AND ECU'S .....	7,405	16,461
	UFR: Procures Improved Environmental Control Units .....		[9,056]
137	SOLDIER ENHANCEMENT .....	1,095	1,095
138	PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....	5,390	5,390
139	GROUND SOLDIER SYSTEM .....	38,219	48,027
	UFR: Procures NETT Warrior .....		[9,808]
140	MOBILE SOLDIER POWER .....	10,456	12,018
	UFR: Procures ISPDS-C systems for a Security Forces Assistance Bde .....		[1,562]
142	FIELD FEEDING EQUIPMENT .....	15,340	29,780
	UFR: BCT support equipment .....		[14,440]
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	30,607	30,607
144	FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS .....	10,426	20,162
	UFR: Engineering equipment .....		[9,736]
	<b>PETROLEUM EQUIPMENT</b>		
146	QUALITY SURVEILLANCE EQUIPMENT .....	6,903	6,903
147	DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....	47,597	47,597
	<b>MEDICAL EQUIPMENT</b>		
148	COMBAT SUPPORT MEDICAL .....	43,343	43,343
	<b>MAINTENANCE EQUIPMENT</b>		
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	33,774	55,365
	UFR: Shop equipment .....		[21,591]
150	ITEMS LESS THAN \$5.0M (MAINT EQ) .....	2,728	3,682
	UFR: Additional equipment for growing Army .....		[954]
	<b>CONSTRUCTION EQUIPMENT</b>		
151	GRADER, ROAD MTZD, HVY, 6X4 (CCE) .....	989	15,719
	UFR: Procures 48 Graders for the 16th ABCT .....		[14,730]
152	SCRAPERS, EARTHMOVING .....	11,180	11,180
155	ALL TERRAIN CRANES .....	8,935	11,935
	UFR: Procures cranes to support bridging assets .....		[3,000]
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....	64,339	84,899
	UFR: Procures HMEE for the 16th ABCT .....		[20,560]
158	ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP .....	2,563	2,563
160	CONST EQUIP ESP .....	19,032	89,711
	UFR: Procures Engineer Mission Module—Water Distributors and 31 Vibratory Rollers .....		[7,000]
	UFR: Procures T9 Dozers and Armor Kits .....		[63,679]
161	ITEMS LESS THAN \$5.0M (CONST EQUIP) .....	6,899	16,911
	UFR: Procures 2 Vibratory Plate Compactors (VPC) for the 16th ABCT .....		[10,012]
	<b>RAIL FLOAT CONTAINERIZATION EQUIPMENT</b>		
162	ARMY WATERCRAFT ESP .....	20,110	20,110
163	ITEMS LESS THAN \$5.0M (FLOAT/RAIL) .....	2,877	2,877
	<b>GENERATORS</b>		
164	GENERATORS AND ASSOCIATED EQUIP .....	115,635	142,845
	UFR: Additional equipment for growing Army .....		[27,210]
165	TACTICAL ELECTRIC POWER RECAPITALIZATION .....	7,436	7,436
	<b>MATERIAL HANDLING EQUIPMENT</b>		
166	FAMILY OF FORKLIFTS .....	9,000	10,635
	UFR: Procures additional 5K LCRTF .....		[1,635]
	<b>TRAINING EQUIPMENT</b>		
167	COMBAT TRAINING CENTERS SUPPORT .....	88,888	88,888
168	TRAINING DEVICES, NONSYSTEM .....	285,989	285,989
169	CLOSE COMBAT TACTICAL TRAINER .....	45,718	45,718
170	AVIATION COMBINED ARMS TACTICAL TRAINER .....	30,568	30,568
171	GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING .....	5,406	5,406
	<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>		
172	CALIBRATION SETS EQUIPMENT .....	5,564	5,564
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	30,144	30,144
174	TEST EQUIPMENT MODERNIZATION (TEMOD) .....	7,771	8,296
	UFR: Test Equipment Modernization systems (TEMOD) .....		[525]
	<b>OTHER SUPPORT EQUIPMENT</b>		
175	M25 STABILIZED BINOCULAR .....	3,956	3,956
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	5,000	10,000
	UFR: Support 10 initiatives per year .....		[5,000]
177	PHYSICAL SECURITY SYSTEMS (OPA3) .....	60,047	60,047
178	BASE LEVEL COMMON EQUIPMENT .....	13,239	13,239
179	MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....	60,192	120,326
	UFR: Additional support equipment .....		[60,134]
180	PRODUCTION BASE SUPPORT (OTH) .....	2,271	2,271
181	SPECIAL EQUIPMENT FOR USER TESTING .....	5,319	5,319
182	TRACTOR YARD .....	5,935	5,935
186	INTELLIGENT REMOTE IMAGING SPECTOMETER—GROUND SYSTEM .....	0	8,600
	UFR: Development of six focal plan arrays .....		[8,600]
187	FORCE PROVIDER EXPEDITIONARY .....	0	27,700
	UFR: Procures Force Providers Battle-loss and components for RESET .....		[27,700]

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188	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....	0	132,250
	UFR: Procures HEMTTS .....		[132,250]
189	FIRE PROTECTION TYPE I .....	0	54
	UFR: Procures Fire Protection Type I sets .....		[54]
<b>OPA2</b>			
184	INITIAL SPARES—C&E .....	38,269	14,329
	Early to need .....		[-23,940]
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>6,469,331</b>	<b>7,960,663</b>
<b>JOINT IMPROVISED-THREAT DEFEAT FUND</b>			
<b>NETWORK ATTACK</b>			
1	RAPID ACQUISITION AND THREAT RESPONSE .....	14,442	14,442
	<b>TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND</b> .....	<b>14,442</b>	<b>14,442</b>
<b>AIRCRAFT PROCUREMENT, NAVY</b>			
<b>COMBAT AIRCRAFT</b>			
2	F/A-18E/F (FIGHTER) HORNET .....	1,200,146	1,939,146
	UFR: Additional F/A-18 E/F Super Hornets .....		[739,000]
3	F/A-18E/F (FIGHTER) HORNET (AP) .....	52,971	52,971
4	JOINT STRIKE FIGHTER CV .....	582,324	1,382,324
	UFR: Additional F-35C .....		[800,000]
5	JOINT STRIKE FIGHTER CV (AP) .....	263,112	263,112
6	JSF STOVL .....	2,398,139	2,923,739
	UFR: Additional F-35B .....		[525,600]
7	JSF STOVL (AP) .....	413,450	413,450
8	CH-53K (HEAVY LIFT) .....	567,605	847,805
	UFR: Additional CH-53K .....		[280,200]
9	CH-53K (HEAVY LIFT) (AP) .....	147,046	147,046
10	V-22 (MEDIUM LIFT) .....	677,404	1,239,868
	Multi-year savings .....		[-10,000]
	UFR: Additional MV-22/V-22 .....		[180,464]
	UFR: Additional MV-22B .....		[392,000]
11	V-22 (MEDIUM LIFT) (AP) .....	27,422	27,422
12	H-1 UPGRADES (UH-1Y/AH-1Z) .....	678,429	898,929
	UFR: Additional AH-1Z .....		[220,500]
13	H-1 UPGRADES (UH-1Y/AH-1Z) (AP) .....	42,082	42,082
16	P-8A POSEIDON .....	1,245,251	2,256,251
	UFR: Additional P-8A Poseidon .....		[1,011,000]
17	P-8A POSEIDON (AP) .....	140,333	140,333
18	E-2D ADV HAWKEYE .....	733,910	733,910
19	E-2D ADV HAWKEYE (AP) .....	102,026	102,026
<b>OTHER AIRCRAFT</b>			
22	KC-130J .....	129,577	472,277
	UFR: Additional KC-130J .....		[342,700]
23	KC-130J (AP) .....	25,497	25,497
24	MQ-4 TRITON .....	522,126	522,126
25	MQ-4 TRITON (AP) .....	57,266	57,266
26	MQ-8 UAV .....	49,472	49,472
27	OTHER SUPPORT AIRCRAFT .....	0	59,200
27	STUASLo UAV .....	880	880
	UFR: Procure additional aircraft .....		[59,200]
71	C-40A AIRCRAFT PROCUREMENT .....	0	215,000
	UFR: Procure additional aircraft .....		[215,000]
<b>MODIFICATION OF AIRCRAFT</b>			
30	AEA SYSTEMS .....	52,960	52,960
31	AV-8 SERIES .....	43,555	43,555
32	ADVERSARY .....	2,565	2,565
33	F-18 SERIES .....	1,043,661	1,124,761
	UFR: ALQ-214 USMC Retrofit .....		[65,100]
	UFR: ALR-67 Retrofit A-KITS and Partial B-Kits .....		[16,000]
34	H-53 SERIES .....	38,712	38,712
35	SH-60 SERIES .....	95,333	95,333
36	H-1 SERIES .....	101,886	101,886
37	EP-3 SERIES .....	7,231	7,231
38	P-3 SERIES .....	700	700
39	E-2 SERIES .....	97,563	97,563
40	TRAINER A/C SERIES .....	8,184	8,184
41	C-2A .....	18,673	18,673
42	C-130 SERIES .....	83,541	83,541
43	FEWSG .....	630	630
44	CARGO/TRANSPORT A/C SERIES .....	10,075	10,075
45	E-6 SERIES .....	223,508	223,508
46	EXECUTIVE HELICOPTERS SERIES .....	38,787	38,787
47	SPECIAL PROJECT AIRCRAFT .....	8,304	8,304
48	T-45 SERIES .....	148,071	148,071
49	POWER PLANT CHANGES .....	19,827	19,827
50	JPATS SERIES .....	27,007	27,007
51	COMMON ECM EQUIPMENT .....	146,642	146,642

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52	COMMON AVIONICS CHANGES .....	123,507	123,507
53	COMMON DEFENSIVE WEAPON SYSTEM .....	2,317	2,317
54	ID SYSTEMS .....	49,524	49,524
55	P-8 SERIES .....	18,665	18,665
56	MAGTF EW FOR AVIATION .....	10,111	10,111
57	MQ-8 SERIES .....	32,361	32,361
59	V-22 (TILT/ROTOR ACFT) OSPREY .....	228,321	228,321
60	F-35 STOVL SERIES .....	34,963	34,963
61	F-35 CV SERIES .....	31,689	31,689
62	QRC .....	24,766	24,766
63	MQ-4 SERIES .....	39,996	39,996
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
64	SPARES AND REPAIR PARTS .....	1,681,914	1,981,658
	UFR: C-40A Spares .....		[12,600]
	UFR: CH-53K Spares .....		[7,500]
	UFR: F-35B Spares .....		[91,000]
	UFR: Fund to max executable .....		[168,000]
	UFR: KC-130J Spares .....		[12,844]
	UFR: UC-12W Spares .....		[7,800]
	<b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>		
65	COMMON GROUND EQUIPMENT .....	388,052	405,552
	UFR: F/A-18C/D Training Systems .....		[17,500]
66	AIRCRAFT INDUSTRIAL FACILITIES .....	24,613	24,613
67	WAR CONSUMABLES .....	39,614	39,614
68	OTHER PRODUCTION CHARGES .....	1,463	1,463
69	SPECIAL SUPPORT EQUIPMENT .....	48,500	48,500
70	FIRST DESTINATION TRANSPORTATION .....	1,976	1,976
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY</b> .....	<b>15,056,235</b>	<b>20,210,243</b>
	<b>WEAPONS PROCUREMENT, NAVY</b>		
	<b>MODIFICATION OF MISSILES</b>		
1	TRIDENT II MODS .....	1,143,595	1,143,595
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
2	MISSILE INDUSTRIAL FACILITIES .....	7,086	7,086
	<b>STRATEGIC MISSILES</b>		
3	TOMAHAWK .....	134,375	134,375
	<b>TACTICAL MISSILES</b>		
4	AMRAAM .....	197,109	209,109
	UFR: Munitions Wholeness .....		[12,000]
5	SIDEWINDER .....	79,692	79,692
6	JSOW .....	5,487	5,487
7	STANDARD MISSILE .....	510,875	510,875
8	SMALL DIAMETER BOMB II .....	20,968	20,968
9	RAM .....	58,587	106,587
	UFR: Additional RAM BLK II .....		[48,000]
10	JOINT AIR GROUND MISSILE (JAGM) .....	3,789	3,789
13	STAND OFF PRECISION GUIDED MUNITIONS (SOPGM) .....	3,122	12,522
	UFR: AGM-176A Griffin Missile Qualifications .....		[9,400]
14	AERIAL TARGETS .....	124,757	124,757
15	OTHER MISSILE SUPPORT .....	3,420	3,420
16	LRASM .....	74,733	74,733
	<b>MODIFICATION OF MISSILES</b>		
17	ENSM .....	74,524	74,524
19	HARPOON MODS .....	17,300	17,300
20	HARM MODS .....	183,368	183,368
21	STANDARD MISSILES MODS .....	11,729	11,729
	<b>SUPPORT EQUIPMENT &amp; FACILITIES</b>		
22	WEAPONS INDUSTRIAL FACILITIES .....	4,021	4,021
23	FLEET SATELLITE COMM FOLLOW-ON .....	46,357	46,357
	<b>ORDNANCE SUPPORT EQUIPMENT</b>		
25	ORDNANCE SUPPORT EQUIPMENT .....	47,159	47,159
	<b>TORPEDOES AND RELATED EQUIP</b>		
26	SSTD .....	5,240	5,240
27	MK-48 TORPEDO .....	44,771	44,771
28	ASW TARGETS .....	12,399	12,399
	<b>MOD OF TORPEDOES AND RELATED EQUIP</b>		
29	MK-54 TORPEDO MODS .....	104,044	104,044
30	MK-48 TORPEDO ADCAP MODS .....	38,954	38,954
31	QUICKSTRIKE MINE .....	10,337	10,337
	<b>SUPPORT EQUIPMENT</b>		
32	TORPEDO SUPPORT EQUIPMENT .....	70,383	70,383
33	ASW RANGE SUPPORT .....	3,864	3,864
	<b>DESTINATION TRANSPORTATION</b>		
34	FIRST DESTINATION TRANSPORTATION .....	3,961	3,961
	<b>GUNS AND GUN MOUNTS</b>		
35	SMALL ARMS AND WEAPONS .....	11,332	11,332
	<b>MODIFICATION OF GUNS AND GUN MOUNTS</b>		
36	CIWS MODS .....	72,698	72,698

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37	COAST GUARD WEAPONS .....	38,931	38,931
38	GUN MOUNT MODS .....	76,025	76,025
39	LCS MODULE WEAPONS .....	13,110	13,110
40	CRUISER MODERNIZATION WEAPONS .....	34,825	34,825
41	AIRBORNE MINE NEUTRALIZATION SYSTEMS .....	16,925	16,925
	<b>SPARES AND REPAIR PARTS</b>		
43	SPARES AND REPAIR PARTS .....	110,255	110,255
	<b>TOTAL WEAPONS PROCUREMENT, NAVY</b> .....	<b>3,420,107</b>	<b>3,489,507</b>
	<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>		
	<b>NAVY AMMUNITION</b>		
1	GENERAL PURPOSE BOMBS .....	34,882	34,882
2	JDAM .....	57,343	57,343
3	AIRBORNE ROCKETS, ALL TYPES .....	79,318	79,318
4	MACHINE GUN AMMUNITION .....	14,112	14,112
5	PRACTICE BOMBS .....	47,027	47,027
6	CARTRIDGES & CART ACTUATED DEVICES .....	57,718	57,718
7	AIR EXPENDABLE COUNTERMEASURES .....	65,908	65,908
8	JATOS .....	2,895	2,895
10	5 INCH/54 GUN AMMUNITION .....	22,112	22,112
11	INTERMEDIATE CALIBER GUN AMMUNITION .....	12,804	12,804
12	OTHER SHIP GUN AMMUNITION .....	41,594	41,594
13	SMALL ARMS & LANDING PARTY AMMO .....	49,401	49,401
14	PYROTECHNIC AND DEMOLITION .....	9,495	9,495
16	AMMUNITION LESS THAN \$5 MILLION .....	3,080	3,080
	<b>MARINE CORPS AMMUNITION</b>		
20	MORTARS .....	24,118	49,618
	UFR: Additional 60mm Full Range Practice Rounds .....		[11,000]
	UFR: Additional 81mm Full Range Practice Rounds .....		[14,500]
23	DIRECT SUPPORT MUNITIONS .....	64,045	64,045
24	INFANTRY WEAPONS AMMUNITION .....	91,456	91,456
29	COMBAT SUPPORT MUNITIONS .....	11,788	11,788
32	AMMO MODERNIZATION .....	17,862	17,862
33	ARTILLERY MUNITIONS .....	79,427	96,427
	UFR: Additional training rounds .....		[17,000]
34	ITEMS LESS THAN \$5 MILLION .....	5,960	5,960
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> .....	<b>792,345</b>	<b>834,845</b>
	<b>SHIPBUILDING AND CONVERSION, NAVY</b>		
	<b>FLEET BALLISTIC MISSILE SHIPS</b>		
1	OHIO REPLACEMENT SUBMARINE (AP) .....	842,853	842,853
	<b>OTHER WARSHIPS</b>		
2	CARRIER REPLACEMENT PROGRAM .....	4,441,772	4,141,772
	Unjustified cost growth .....		[-300,000]
4	VIRGINIA CLASS SUBMARINE .....	3,305,315	3,305,315
5	VIRGINIA CLASS SUBMARINE (AP) .....	1,920,596	3,093,596
	3rd FY20 SSN or SIB expansion .....		[450,000]
	Additional EOQ funding Blk V MYP .....		[750,000]
	NSBDF Savings .....		[-27,000]
6	CVN REFUELING OVERHAULS .....	1,604,890	1,604,890
7	CVN REFUELING OVERHAULS (AP) .....	75,897	75,897
8	DDG 1000 .....	223,968	173,968
	Unjustified cost growth .....		[-50,000]
9	DDG-51 .....	3,499,079	5,058,079
	Available prior year funds .....		[-225,000]
	Procure 1 additional DDG-51 .....		[1,750,000]
	UFR: SSEE Inc F for DDG .....		[34,000]
10	DDG-51 (AP) .....	90,336	390,336
	EOQ for FY18-22 MYP contract .....		[300,000]
11	LITTORAL COMBAT SHIP .....	636,146	596,146
	Unit price adjustment .....		[-40,000]
	<b>AMPHIBIOUS SHIPS</b>		
12	LX(R) OR LPD-30 .....	0	1,000,000
	Incremental funding for LX(R) or LPD-30 .....		[1,000,000]
15	LHA REPLACEMENT .....	1,710,927	1,710,927
	<b>AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST</b>		
18	TAO FLEET OILER .....	465,988	465,988
19	TAO FLEET OILER (AP) .....	75,068	75,068
20	TOWING, SALVAGE, AND RESCUE SHIP (ATS) .....	76,204	76,204
23	LCU 1700 .....	31,850	31,850
24	OUTFITTING .....	548,703	510,503
	Post-delivery funds early to need .....		[-38,200]
25	SHIP TO SHORE CONNECTOR .....	212,554	509,554
	Quantity unit price adjustment .....		[-15,000]
	UFR: 5 additional Ship-to-Shore Connector .....		[312,000]
26	SERVICE CRAFT .....	23,994	62,994
	UFR: Berthing barge .....		[39,000]
29	COMPLETION OF PY SHIPBUILDING PROGRAMS .....	117,542	117,542

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30	ESB .....	0	661,000
	Procure additional ESB .....		[661,000]
32	CABLE SHIP .....	0	250,000
	Procure cable ship .....		[250,000]
	<b>TOTAL SHIPBUILDING AND CONVERSION, NAVY .....</b>	<b>19,903,682</b>	<b>24,754,482</b>
	<b>OTHER PROCUREMENT, NAVY</b>		
	<b>SHIP PROPULSION EQUIPMENT</b>		
3	SURFACE POWER EQUIPMENT .....	41,910	41,910
4	HYBRID ELECTRIC DRIVE (HED) .....	6,331	0
	Unjustified cost growth .....		[-6,331]
	<b>GENERATORS</b>		
5	SURFACE COMBATANT HM&E .....	27,392	27,392
	<b>NAVIGATION EQUIPMENT</b>		
6	OTHER NAVIGATION EQUIPMENT .....	65,943	65,943
	<b>OTHER SHIPBOARD EQUIPMENT</b>		
8	SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG .....	151,240	180,240
	UFR: 3 Submarine Warfare Federated Tactical Systems .....		[29,000]
9	DDG MOD .....	603,355	603,355
10	FIREFIGHTING EQUIPMENT .....	15,887	15,887
11	COMMAND AND CONTROL SWITCHBOARD .....	2,240	2,240
12	LHA/LHD MIDLIFE .....	30,287	30,287
14	POLLUTION CONTROL EQUIPMENT .....	17,293	17,293
15	SUBMARINE SUPPORT EQUIPMENT .....	27,990	27,990
16	VIRGINIA CLASS SUPPORT EQUIPMENT .....	46,610	46,610
17	LCS CLASS SUPPORT EQUIPMENT .....	47,955	5,355
	Procurement ahead of need .....		[-42,600]
18	SUBMARINE BATTERIES .....	17,594	17,594
19	LPD CLASS SUPPORT EQUIPMENT .....	61,908	61,908
21	STRATEGIC PLATFORM SUPPORT EQUIP .....	15,812	15,812
22	DSSP EQUIPMENT .....	4,178	4,178
23	CG MODERNIZATION .....	306,050	306,050
24	LCAC .....	5,507	5,507
25	UNDERWATER EOD PROGRAMS .....	55,922	55,922
26	ITEMS LESS THAN \$5 MILLION .....	96,909	96,909
27	CHEMICAL WARFARE DETECTORS .....	3,036	3,036
28	SUBMARINE LIFE SUPPORT SYSTEM .....	10,364	10,364
	<b>REACTOR PLANT EQUIPMENT</b>		
29	REACTOR POWER UNITS .....	324,925	324,925
30	REACTOR COMPONENTS .....	534,468	534,468
	<b>OCEAN ENGINEERING</b>		
31	DIVING AND SALVAGE EQUIPMENT .....	10,619	10,619
	<b>SMALL BOATS</b>		
32	STANDARD BOATS .....	46,094	46,094
	<b>PRODUCTION FACILITIES EQUIPMENT</b>		
34	OPERATING FORCES IPE .....	191,541	191,541
	<b>OTHER SHIP SUPPORT</b>		
36	LCS COMMON MISSION MODULES EQUIPMENT .....	34,666	34,666
37	LCS MCM MISSION MODULES .....	55,870	84,770
	Procurement ahead of need .....		[-5,100]
	UFR: Additional MCM USV .....		[34,000]
39	LCS SUW MISSION MODULES .....	52,960	52,960
40	LCS IN-SERVICE MODERNIZATION .....	74,426	158,426
	UFR: LCS modernization for increased lethality .....		[84,000]
	<b>LOGISTIC SUPPORT</b>		
42	LSD MIDLIFE & MODERNIZATION .....	89,536	89,536
	<b>SHIP SONARS</b>		
43	SPQ-9B RADAR .....	30,086	30,086
44	AN/SQ-89 SURF ASW COMBAT SYSTEM .....	102,222	102,222
46	SSN ACOUSTIC EQUIPMENT .....	287,553	314,553
	UFR: 3 Submarine Warfare Federated Tactical Systems .....		[27,000]
47	UNDERSEA WARFARE SUPPORT EQUIPMENT .....	13,653	13,653
	<b>ASW ELECTRONIC EQUIPMENT</b>		
49	SUBMARINE ACOUSTIC WARFARE SYSTEM .....	21,449	21,449
50	SSTD .....	12,867	12,867
51	FIXED SURVEILLANCE SYSTEM .....	300,102	300,102
52	SURTASS .....	30,180	40,180
	UFR: 1 Additional .....		[10,000]
	<b>ELECTRONIC WARFARE EQUIPMENT</b>		
54	AN/SLQ-32 .....	240,433	240,433
	<b>RECONNAISSANCE EQUIPMENT</b>		
55	SHIPBOARD IW EXPLOIT .....	187,007	227,007
	UFR: 3 SSEE Increment F and Paragon/Graywing .....		[40,000]
56	AUTOMATED IDENTIFICATION SYSTEM (AIS) .....	510	510
	<b>OTHER SHIP ELECTRONIC EQUIPMENT</b>		
58	COOPERATIVE ENGAGEMENT CAPABILITY .....	23,892	27,892
	UFR: CEC IFF Mode 5 Acceleration .....		[4,000]
60	NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) .....	10,741	10,741

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61	ATDLS .....	38,016	38,016
62	NAVY COMMLAND AND CONTROL SYSTEM (NCCS) .....	4,512	4,512
63	MINESWEEPING SYSTEM REPLACEMENT .....	31,531	31,531
64	SHALLOW WATER MCM .....	8,796	8,796
65	NAVSTAR GPS RECEIVERS (SPACE) .....	15,923	15,923
66	AMERICAN FORCES RADIO AND TV SERVICE .....	2,730	2,730
67	STRATEGIC PLATFORM SUPPORT EQUIP .....	6,889	6,889
	<b>AVIATION ELECTRONIC EQUIPMENT</b>		
70	ASHORE ATC EQUIPMENT .....	71,882	71,882
71	AFLOAT ATC EQUIPMENT .....	44,611	44,611
77	ID SYSTEMS .....	21,239	21,239
78	NAVAL MISSION PLANNING SYSTEMS .....	11,976	12,976
	UFR: Munitions Wholeness .....		[1,000]
	<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>		
80	TACTICAL/MOBILE CAI SYSTEMS .....	32,425	32,425
81	DCGS-N .....	13,790	13,790
82	CANES .....	322,754	322,754
83	RADLAC .....	10,718	10,718
84	CANES-INTELL .....	48,028	48,028
85	GPETE .....	6,861	6,861
86	MASF .....	8,081	8,081
87	INTEG COMBAT SYSTEM TEST FACILITY .....	5,019	5,019
88	EMI CONTROL INSTRUMENTATION .....	4,188	4,188
89	ITEMS LESS THAN \$5 MILLION .....	105,292	105,292
	<b>SHIPBOARD COMMUNICATIONS</b>		
90	SHIPBOARD TACTICAL COMMUNICATIONS .....	23,695	23,695
91	SHIP COMMUNICATIONS AUTOMATION .....	103,990	103,990
92	COMMUNICATIONS ITEMS UNDER \$5M .....	18,577	18,577
	<b>SUBMARINE COMMUNICATIONS</b>		
93	SUBMARINE BROADCAST SUPPORT .....	29,669	29,669
94	SUBMARINE COMMUNICATION EQUIPMENT .....	86,204	86,204
	<b>SATELLITE COMMUNICATIONS</b>		
95	SATELLITE COMMUNICATIONS SYSTEMS .....	14,654	14,654
96	NAVY MULTIBAND TERMINAL (NMT) .....	69,764	69,764
	<b>SHORE COMMUNICATIONS</b>		
97	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	4,256	4,256
	<b>CRYPTOGRAPHIC EQUIPMENT</b>		
99	INFO SYSTEMS SECURITY PROGRAM (ISSP) .....	89,663	101,663
	UFR: Crypto modernization .....		[12,000]
100	MIO INTEL EXPLOITATION TEAM .....	961	961
	<b>CRYPTOLOGIC EQUIPMENT</b>		
101	CRYPTOLOGIC COMMUNICATIONS EQUIP .....	11,287	11,287
	<b>OTHER ELECTRONIC SUPPORT</b>		
110	COAST GUARD EQUIPMENT .....	36,584	36,584
	<b>SONOBUOYS</b>		
112	SONOBUOYS—ALL TYPES .....	173,616	173,616
	<b>AIRCRAFT SUPPORT EQUIPMENT</b>		
113	WEAPONS RANGE SUPPORT EQUIPMENT .....	72,110	72,110
114	AIRCRAFT SUPPORT EQUIPMENT .....	108,482	108,482
115	ADVANCED ARRESTING GEAR (AAG) .....	10,900	10,900
116	METEOROLOGICAL EQUIPMENT .....	21,137	21,137
117	DCBS/DPL .....	660	660
118	AIRBORNE MINE COUNTERMEASURES .....	20,605	20,605
119	AVIATION SUPPORT EQUIPMENT .....	34,032	34,032
	<b>SHIP GUN SYSTEM EQUIPMENT</b>		
120	SHIP GUN SYSTEMS EQUIPMENT .....	5,277	5,277
	<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>		
121	SHIP MISSILE SUPPORT EQUIPMENT .....	272,359	272,359
122	TOMAHAWK SUPPORT EQUIPMENT .....	73,184	73,184
	<b>FBM SUPPORT EQUIPMENT</b>		
123	STRATEGIC MISSILE SYSTEMS EQUIP .....	246,221	246,221
	<b>ASW SUPPORT EQUIPMENT</b>		
124	SSN COMBAT CONTROL SYSTEMS .....	129,972	149,972
	UFR: 3 Submarine Warfare Federated Tactical Systems .....		[20,000]
125	ASW SUPPORT EQUIPMENT .....	23,209	23,209
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	15,596	15,596
127	ITEMS LESS THAN \$5 MILLION .....	5,981	5,981
	<b>OTHER EXPENDABLE ORDNANCE</b>		
128	SUBMARINE TRAINING DEVICE MODS .....	74,550	74,550
130	SURFACE TRAINING EQUIPMENT .....	83,022	83,022
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
131	PASSENGER CARRYING VEHICLES .....	5,299	5,299
132	GENERAL PURPOSE TRUCKS .....	2,946	2,946
133	CONSTRUCTION & MAINTENANCE EQUIP .....	34,970	34,970
134	FIRE FIGHTING EQUIPMENT .....	2,541	2,541
135	TACTICAL VEHICLES .....	19,699	19,699
136	AMPHIBIOUS EQUIPMENT .....	12,162	12,162

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137	POLLUTION CONTROL EQUIPMENT .....	2,748	2,748
138	ITEMS UNDER \$5 MILLION .....	18,084	18,084
139	PHYSICAL SECURITY VEHICLES .....	1,170	1,170
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
141	SUPPLY EQUIPMENT .....	21,797	21,797
143	FIRST DESTINATION TRANSPORTATION .....	5,572	5,572
144	SPECIAL PURPOSE SUPPLY SYSTEMS .....	482,916	482,916
	<b>TRAINING DEVICES</b>		
146	TRAINING AND EDUCATION EQUIPMENT .....	25,624	25,624
	<b>COMMAND SUPPORT EQUIPMENT</b>		
147	COMMAND SUPPORT EQUIPMENT .....	59,076	51,176
	Consolidate requirements Navy Enterprise Resource Planning .....		[-4,200]
	Consolidate requirements Navy ePS .....		[-3,700]
149	MEDICAL SUPPORT EQUIPMENT .....	4,383	4,383
151	NAVAL MIP SUPPORT EQUIPMENT .....	2,030	2,030
152	OPERATING FORCES SUPPORT EQUIPMENT .....	7,500	7,500
153	CAISR EQUIPMENT .....	4,010	4,010
154	ENVIRONMENTAL SUPPORT EQUIPMENT .....	23,644	23,644
155	PHYSICAL SECURITY EQUIPMENT .....	101,982	120,982
	UFR: Port Security Barriers for Ship Repair Facilities .....		[19,000]
156	ENTERPRISE INFORMATION TECHNOLOGY .....	19,789	19,789
	<b>OTHER</b>		
160	NEXT GENERATION ENTERPRISE SERVICE .....	104,584	104,584
	<b>CLASSIFIED PROGRAMS</b>		
162	CLASSIFIED PROGRAMS .....	23,707	1,023,707
	Classified Project 0428 .....		[1,000,000]
	<b>SPARES AND REPAIR PARTS</b>		
161	SPARES AND REPAIR PARTS .....	278,565	278,565
	<b>TOTAL OTHER PROCUREMENT, NAVY</b> .....	<b>8,277,789</b>	<b>9,495,858</b>
	<b>PROCUREMENT, MARINE CORPS</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
1	AAV7A1 PIP .....	107,665	107,665
2	AMPHIBIOUS COMBAT VEHICLE 1.1 .....	161,511	161,511
3	LAV PIP .....	17,244	17,244
	<b>ARTILLERY AND OTHER WEAPONS</b>		
4	EXPEDITIONARY FIRE SUPPORT SYSTEM .....	626	626
5	155MM LIGHTWEIGHT TOWED HOWITZER .....	20,259	20,259
6	HIGH MOBILITY ARTILLERY ROCKET SYSTEM .....	59,943	59,943
7	WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION .....	19,616	19,616
	<b>OTHER SUPPORT</b>		
8	MODIFICATION KITS .....	17,778	17,778
	<b>GUIDED MISSILES</b>		
10	GROUND BASED AIR DEFENSE .....	9,432	9,432
11	JAVELIN .....	41,159	41,159
12	FOLLOW ON TO SMAW .....	25,125	25,125
13	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H) .....	51,553	51,553
	<b>COMMAND AND CONTROL SYSTEMS</b>		
16	COMMON AVIATION COMMAND AND CONTROL SYSTEM (C .....	44,928	44,928
	<b>REPAIR AND TEST EQUIPMENT</b>		
17	REPAIR AND TEST EQUIPMENT .....	33,056	33,056
	<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>		
20	ITEMS UNDER \$5 MILLION (COMM & ELEC) .....	17,644	37,844
	UFR: Night Optics for Sniper Rifle .....		[20,200]
21	AIR OPERATIONS C2 SYSTEMS .....	18,393	18,393
	<b>RADAR + EQUIPMENT (NON-TEL)</b>		
22	RADAR SYSTEMS .....	12,411	12,411
23	GROUND/AIR TASK ORIENTED RADAR (GIATOR) .....	139,167	139,167
24	RQ-21 UAS .....	77,841	77,841
	<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>		
25	GCS8-MC .....	1,990	1,990
26	FIRE SUPPORT SYSTEM .....	22,260	22,260
27	INTELLIGENCE SUPPORT EQUIPMENT .....	55,759	65,879
	UFR: CI and HUMINT Equipment Program .....		[10,120]
29	UNMANNED AIR SYSTEMS (INTEL) .....	10,154	23,654
	UFR: Long Endurance Small UAS .....		[13,500]
30	DCGS-MC .....	13,462	13,462
31	UAS PAYLOADS .....	14,193	14,193
	<b>OTHER SUPPORT (NON-TEL)</b>		
35	NEXT GENERATION ENTERPRISE NETWORK (NGEN) .....	98,511	98,511
36	COMMON COMPUTER RESOURCES .....	66,894	73,998
	UFR: Full Spectrum Cyber Operations DMSS .....		[7,104]
37	COMMAND POST SYSTEMS .....	186,912	186,912
38	RADIO SYSTEMS .....	34,361	34,361
39	COMM SWITCHING & CONTROL SYSTEMS .....	54,615	54,615
40	COMM & ELEC INFRASTRUCTURE SUPPORT .....	44,455	44,455
	<b>CLASSIFIED PROGRAMS</b>		
41	CLASSIFIED PROGRAMS .....	4,214	4,214

**SEC. 4101. PROCUREMENT**  
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<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
	<b>ADMINISTRATIVE VEHICLES</b>		
42	COMMERCIAL CARGO VEHICLES .....	66,951	66,951
	<b>TACTICAL VEHICLES</b>		
43	MOTOR TRANSPORT MODIFICATIONS .....	21,824	21,824
44	JOINT LIGHT TACTICAL VEHICLE .....	233,639	233,639
45	FAMILY OF TACTICAL TRAILERS .....	1,938	1,938
46	TRAILERS .....	10,282	10,282
	<b>ENGINEER AND OTHER EQUIPMENT</b>		
48	ENVIRONMENTAL CONTROL EQUIP ASSORT .....	1,405	1,405
50	TACTICAL FUEL SYSTEMS .....	1,788	1,788
51	POWER EQUIPMENT ASSORTED .....	9,910	9,910
52	AMPHIBIOUS SUPPORT EQUIPMENT .....	5,830	5,830
53	EOD SYSTEMS .....	27,240	27,240
	<b>MATERIALS HANDLING EQUIPMENT</b>		
54	PHYSICAL SECURITY EQUIPMENT .....	53,477	53,477
	<b>GENERAL PROPERTY</b>		
56	TRAINING DEVICES .....	76,185	85,064
	UFR: ITENS-II Force on Force Training System .....		[8,879]
58	FAMILY OF CONSTRUCTION EQUIPMENT .....	26,286	26,286
59	FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV) .....	1,583	1,583
	<b>OTHER SUPPORT</b>		
60	ITEMS LESS THAN \$5 MILLION .....	7,716	7,716
	<b>SPARES AND REPAIR PARTS</b>		
62	SPARES AND REPAIR PARTS .....	35,640	35,640
	<b>TOTAL PROCUREMENT, MARINE CORPS</b>	<b>2,064,825</b>	<b>2,124,628</b>
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
	<b>TACTICAL FORCES</b>		
1	F-35 .....	4,544,684	6,304,684
	UFR: Procure additional F-35As .....		[1,760,000]
2	F-35 (AP) .....	780,300	780,300
2a	O/A-X LIGHT ATTACK FIGHTER .....	0	1,200,000
	O/A-X Light Attack Fighter .....		[1,200,000]
	<b>TACTICAL AIRLIFT</b>		
3	KC-46A TANKER .....	2,545,674	2,945,674
	UFR: Procure KC-46 .....		[400,000]
	<b>OTHER AIRLIFT</b>		
4	C-130J .....	57,708	219,808
	Technical adjustments .....		[102,000]
	UFR: C-130J simulators .....		[60,000]
6	HC-130J .....	198,502	298,502
	UFR: Procures HC-130s .....		[100,000]
8	MC-130J .....	379,373	1,609,373
	UFR: Procure MC-130J WST .....		[30,000]
	UFR: Procures MC-130s .....		[1,200,000]
9	MC-130J (AP) .....	30,000	30,000
	<b>MISSION SUPPORT AIRCRAFT</b>		
12	CIVIL AIR PATROL A/C .....	2,695	2,695
	<b>OTHER AIRCRAFT</b>		
14	TARGET DRONES .....	109,841	109,841
17	MQ-9 .....	117,141	117,141
17a	COMPASS CALL .....	0	108,173
	Technical adjustment .....		[108,173]
	<b>STRATEGIC AIRCRAFT</b>		
18	B-2A .....	96,727	96,727
19	B-1B .....	155,634	121,634
	Excess funding .....		[-34,000]
20	B-52 .....	109,295	109,295
21	LARGE AIRCRAFT INFRARED COUNTERMEASURES .....	4,046	4,046
	<b>TACTICAL AIRCRAFT</b>		
22	A-10 .....	6,010	109,010
	UFR: A-10 Wings .....		[103,000]
23	F-15 .....	417,193	417,193
24	F-16 .....	203,864	203,864
25	F-22A .....	161,630	161,630
26	F-22A (AP) .....	15,000	15,000
27	F-35 MODIFICATIONS .....	68,270	68,270
28	INCREMENT 3.2B .....	105,756	105,756
30	KC-46A TANKER .....	6,213	6,213
	<b>AIRLIFT AIRCRAFT</b>		
31	C-5 .....	36,592	36,592
32	C-5M .....	6,817	6,817
33	C-17A .....	125,522	125,522
34	C-21 .....	13,253	13,253
35	C-32A .....	79,449	79,449
36	C-37A .....	15,423	206,723
	UFR: Procure C-37B .....		[191,300]
37	C-130J .....	10,727	0

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	Technical adjustments .....		[-10,727]
	<b>TRAINER AIRCRAFT</b>		
38	GLIDER MODS .....	136	136
39	T-6 .....	35,706	35,706
40	T-1 .....	21,477	21,477
41	T-38 .....	51,641	51,641
	<b>OTHER AIRCRAFT</b>		
42	U-2 MODS .....	36,406	36,406
43	KC-10A (ATCA) .....	4,243	4,243
44	C-12 .....	5,846	5,846
45	VC-25A MOD .....	52,107	52,107
46	C-40 .....	31,119	31,119
47	C-130 .....	66,310	96,110
	Propulsion improvement .....		[26,800]
	UFR: Procures AC-130J AGM-114 Cape .....		[3,000]
48	C-130J MODS .....	171,230	181,957
	Technical adjustments .....		[10,727]
49	C-135 .....	69,428	69,428
50	OC-135B .....	23,091	23,091
51	COMPASS CALL MODS .....	166,541	102,968
	Technical adjustment .....		[-108,173]
	UFR: Avionics Viability Program (AVP) upgrades .....		[10,000]
	UFR: Expected disconnect in air vehicle .....		[10,000]
	UFR: Mission and support equipment .....		[24,600]
52	COMBAT FLIGHT INSPECTION (CFIN) .....	495	495
53	RC-135 .....	201,559	201,559
54	E-3 .....	189,772	189,772
55	E-4 .....	30,493	30,493
56	E-8 .....	13,232	13,232
57	AIRBORNE WARNING AND CONTROL SYSTEM .....	164,786	164,786
58	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	24,716	31,353
	UFR: Family of Advance Beyond Line of Sight-Terminals .....		[6,637]
59	H-1 .....	3,730	12,230
	UFR: UH-1N Safety Enhancements .....		[8,500]
60	H-60 .....	75,989	75,989
61	RQ-4 MODS .....	43,968	83,568
	UFR: Replace RQ-4 TFT Antennas .....		[39,600]
62	HC/MC-130 MODIFICATIONS .....	67,674	67,674
63	OTHER AIRCRAFT .....	59,068	59,068
65	MQ-9 MODS .....	264,740	264,740
66	CV-22 MODS .....	60,990	60,990
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
67	INITIAL SPARES/REPAIR PARTS .....	1,041,569	1,041,569
	<b>COMMON SUPPORT EQUIPMENT</b>		
68	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	75,846	75,846
69	OTHER PRODUCTION CHARGES .....	8,524	8,524
71	T-53A TRAINER .....	501	501
	<b>POST PRODUCTION SUPPORT</b>		
72	B-2A .....	447	447
73	B-2A .....	38,509	38,509
74	B-52 .....	199	199
75	C-17A .....	12,028	12,028
78	RC-135 .....	29,700	29,700
79	F-15 .....	20,000	20,000
80	F-15 .....	2,524	2,524
81	F-16 .....	18,051	18,051
82	F-22A .....	119,566	119,566
83	OTHER AIRCRAFT .....	85,000	85,000
85	RQ-4 POST PRODUCTION CHARGES .....	86,695	86,695
86	CV-22 MODS .....	4,500	4,500
	<b>INDUSTRIAL PREPAREDNESS</b>		
87	INDUSTRIAL RESPONSIVENESS .....	14,739	14,739
88	C-130J .....	102,000	-100
	Technical adjustments .....		[-102,000]
	<b>WAR CONSUMABLES</b>		
89	WAR CONSUMABLES .....	37,647	37,647
	<b>OTHER PRODUCTION CHARGES</b>		
90	OTHER PRODUCTION CHARGES .....	1,339,160	1,339,160
92	OTHER AIRCRAFT .....	600	600
	<b>CLASSIFIED PROGRAMS</b>		
93	CLASSIFIED PROGRAMS .....	53,212	53,212
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....	<b>15,430,849</b>	<b>20,570,286</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>MISSILE REPLACEMENT EQUIPMENT—BALLISTIC</b>		
1	MISSILE REPLACEMENT EQ-BALLISTIC .....	99,098	119,098
	UFR: (NUC) TE Replacement Disconnect .....		[20,000]
	<b>TACTICAL</b>		

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2	JOINT AIR-SURFACE STANDOFF MISSILE .....	441,367	441,367
3	LRASMO .....	44,728	61,728
	UFR: Long Range Anti-Ship Missile (LRASM) .....		[17,000]
4	SIDEWINDER (AIM-9X) .....	125,350	125,350
5	AMRAAM .....	304,327	304,327
6	PREDATOR HELLFIRE MISSILE .....	34,867	34,867
7	SMALL DIAMETER BOMB .....	266,030	266,030
	<b>INDUSTRIAL FACILITIES</b>		
8	INDUST'RL PREPAREDNS/POL PREVENTION .....	926	926
	<b>CLASS IV</b>		
9	ICBM FUZE MOD .....	6,334	6,334
10	MM III MODIFICATIONS .....	80,109	91,109
	UFR: (NUC) Upgrade Minimum Essential Emergency Communications Network (MEECN) (MMPU) .....		[11,000]
11	AGM-65D MAVERICK .....	289	289
13	AIR LAUNCH CRUISE MISSILE (ALCM) .....	36,425	36,425
14	SMALL DIAMETER BOMB .....	14,086	14,086
	<b>MISSILE SPARES AND REPAIR PARTS</b>		
15	INITIAL SPARES/REPAIR PARTS .....	101,153	101,153
	<b>SPECIAL PROGRAMS</b>		
20	SPECIAL UPDATE PROGRAMS .....	32,917	32,917
	<b>CLASSIFIED PROGRAMS</b>		
21	CLASSIFIED PROGRAMS .....	708,176	708,176
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE .....</b>	<b>2,296,182</b>	<b>2,344,182</b>
	<b>SPACE PROCUREMENT, AIR FORCE</b>		
	<b>SPACE PROGRAMS</b>		
1	ADVANCED EHF .....	56,974	56,974
2	AF SATELLITE COMM SYSTEM .....	57,516	57,516
3	COUNTERSPACE SYSTEMS .....	28,798	28,798
4	FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....	146,972	159,500
	UFR: Family of Advance Beyond Line of Sight-Terminals .....		[12,528]
5	WIDEBAND GAPPFILLER SATELLITES(SPACE) .....	80,849	80,849
6	GPS III SPACE SEGMENT .....	85,894	85,894
7	GLOBAL POSITIONING (SPACE) .....	2,198	2,198
8	SPACEBORNE EQUIP (COMSEC) .....	25,048	25,048
10	MILSATCOM .....	33,033	33,033
11	EVOLVED EXPENDABLE LAUNCH CAPABILITY .....	957,420	957,420
12	EVOLVED EXPENDABLE LAUNCH VEH(SPACE) .....	606,488	606,488
13	SBIR HIGH (SPACE) .....	981,009	1,054,809
	UFR: SBIRS equipment .....		[73,800]
14	SBIR HIGH (SPACE) (AP) .....	132,420	132,420
15	NUDET DETECTION SYSTEM .....	6,370	6,370
16	SPACE MODS .....	37,203	58,203
	UFR: Fix Enterprise Space Battle Management Command & Control (BMC2) .....		[21,000]
17	SPACELIFT RANGE SYSTEM SPACE .....	113,874	113,874
	<b>SPARES</b>		
18	INITIAL SPARES/REPAIR PARTS .....	18,709	18,709
	<b>TOTAL SPACE PROCUREMENT, AIR FORCE .....</b>	<b>3,370,775</b>	<b>3,478,103</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>ROCKETS</b>		
1	ROCKETS .....	147,454	147,454
	<b>CARTRIDGES</b>		
2	CARTRIDGES .....	161,744	161,744
	<b>BOMBS</b>		
3	PRACTICE BOMBS .....	28,509	28,509
4	GENERAL PURPOSE BOMBS .....	329,501	329,501
5	MASSIVE ORDNANCE PENETRATOR (MOP) .....	38,382	38,382
6	JOINT DIRECT ATTACK MUNITION .....	319,525	319,525
7	B61 .....	77,068	77,068
8	B61 (AP) .....	11,239	11,239
	<b>OTHER ITEMS</b>		
9	CAD/PAD .....	53,469	53,469
10	EXPLOSIVE ORDNANCE DISPOSAL (EOD) .....	5,921	5,921
11	SPARES AND REPAIR PARTS .....	678	678
12	MODIFICATIONS .....	1,409	1,409
13	ITEMS LESS THAN \$5 MILLION .....	5,047	5,047
	<b>FLARES</b>		
15	FLARES .....	143,983	143,983
	<b>FUZES</b>		
16	FUZES .....	24,062	24,062
	<b>SMALL ARMS</b>		
17	SMALL ARMS .....	28,611	28,611
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE .....</b>	<b>1,376,602</b>	<b>1,376,602</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>		
	<b>PASSENGER CARRYING VEHICLES</b>		

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1	PASSENGER CARRYING VEHICLES .....	15,651	16,751
	UFR: Set the Theater initiative, PACOM .....		[1,100]
	<b>CARGO AND UTILITY VEHICLES</b>		
2	MEDIUM TACTICAL VEHICLE .....	54,607	54,607
3	CAP VEHICLES .....	1,011	1,011
4	CARGO AND UTILITY VEHICLES .....	28,670	28,670
	<b>SPECIAL PURPOSE VEHICLES</b>		
5	SECURITY AND TACTICAL VEHICLES .....	59,398	70,008
	UFR: Set the Theater initiative, PACOM .....		[10,610]
6	SPECIAL PURPOSE VEHICLES .....	19,784	19,784
	<b>FIRE FIGHTING EQUIPMENT</b>		
7	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	14,768	14,768
	<b>MATERIALS HANDLING EQUIPMENT</b>		
8	MATERIALS HANDLING VEHICLES .....	13,561	17,761
	UFR: Set the Theater (S/T) PACOM .....		[4,200]
	<b>BASE MAINTENANCE SUPPORT</b>		
9	RUNWAY SNOW REMOV & CLEANING EQUIP .....	3,429	16,659
	UFR: Set the Theater (S/T) PACOM .....		[13,230]
10	BASE MAINTENANCE SUPPORT VEHICLES .....	60,075	60,524
	UFR: Set the Theater (S/T) PACOM .....		[449]
	<b>COMM SECURITY EQUIPMENT(COMSEC)</b>		
11	COMSEC EQUIPMENT .....	115,000	123,000
	UFR: Cyber Squadron Initiative .....		[8,000]
	<b>INTELLIGENCE PROGRAMS</b>		
13	INTERNATIONAL INTEL TECH & ARCHITECTURES .....	22,335	22,335
14	INTELLIGENCE TRAINING EQUIPMENT .....	5,892	5,892
15	INTELLIGENCE COMM EQUIPMENT .....	34,072	34,072
	<b>ELECTRONICS PROGRAMS</b>		
16	AIR TRAFFIC CONTROL & LANDING SYS .....	66,143	123,343
	UFR: Cyber Squadron Initiative (WSCR) .....		[8,000]
	UFR: Deployable Radar Approach Control .....		[33,000]
	UFR: D-ILS Procurement .....		[16,200]
17	NATIONAL AIRSPACE SYSTEM .....	12,641	12,641
18	BATTLE CONTROL SYSTEM—FIXED .....	6,415	7,815
	UFR: Battle Control System (BCS) Tech Refresh .....		[1,400]
19	THEATER AIR CONTROL SYS IMPROVEMENTS .....	23,233	23,233
20	WEATHER OBSERVATION FORECAST .....	40,116	70,116
	UFR: Installation and Notification Warning System (INWS) (ANG) .....		[30,000]
21	STRATEGIC COMMAND AND CONTROL .....	72,810	72,810
22	CHEYENNE MOUNTAIN COMPLEX .....	9,864	9,864
23	MISSION PLANNING SYSTEMS .....	15,486	15,486
25	INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN) .....	9,187	9,187
	<b>SPCL COMM-ELECTRONICS PROJECTS</b>		
26	GENERAL INFORMATION TECHNOLOGY .....	51,826	58,126
	UFR: AFSPC Cyber Request for CMF Initial Skills Training (IST) Pipeline .....		[6,300]
27	AF GLOBAL COMMAND & CONTROL SYS .....	3,634	3,634
28	MOBILITY COMMAND AND CONTROL .....	10,083	10,083
29	AIR FORCE PHYSICAL SECURITY SYSTEM .....	201,866	201,866
30	COMBAT TRAINING RANGES .....	115,198	115,198
31	MINIMUM ESSENTIAL EMERGENCY COMM N .....	292	292
32	WIDE AREA SURVEILLANCE (WAS) .....	62,087	62,087
33	C3 COUNTERMEASURES .....	37,764	37,764
34	GCSS-AF FOS .....	2,826	2,826
35	DEFENSE ENTERPRISE ACCOUNTING AND MGMT SYSTEM .....	1,514	1,514
36	THEATER BATTLE MGT C2 SYSTEM .....	9,646	9,646
37	AIR & SPACE OPERATIONS CTR-WPN SYS .....	25,533	25,533
	<b>AIR FORCE COMMUNICATIONS</b>		
40	BASE INFORMATION TRANSPT INFRAST (BITI) WIRED .....	28,159	28,159
41	AFNET .....	160,820	356,420
	UFR: ARAD Enterprise Software .....		[26,000]
	UFR: Inst Processing Nodes in FY18 .....		[169,600]
42	JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....	5,135	5,135
43	USCENTCOM .....	18,719	18,719
	<b>ORGANIZATION AND BASE</b>		
44	TACTICAL C-E EQUIPMENT .....	123,206	123,206
45	COMBAT SURVIVOR EVADER LOCATER .....	3,004	3,004
46	RADIO EQUIPMENT .....	15,736	15,736
47	CCTV/AUDIOVISUAL EQUIPMENT .....	5,480	5,480
48	BASE COMM INFRASTRUCTURE .....	130,539	130,539
	<b>MODIFICATIONS</b>		
49	COMM ELECT MODS .....	70,798	70,798
	<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>		
51	ITEMS LESS THAN \$5 MILLION .....	52,964	137,664
	UFR: Battlefield Airman Combat Equipment .....		[83,700]
	UFR: Procure Parachute Phantom Oxygen System .....		[1,000]
	<b>DEPOT PLANT+MTRLS HANDLING EQ</b>		
52	MECHANIZED MATERIAL HANDLING EQUIP .....	10,381	10,381
	<b>BASE SUPPORT EQUIPMENT</b>		

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53	BASE PROCURED EQUIPMENT .....	15,038	15,038
54	ENGINEERING AND EOD EQUIPMENT .....	26,287	26,287
55	MOBILITY EQUIPMENT .....	8,470	45,150
	UFR: Basic Expeditionary Airfield Resources spare requirements in support of the Set the Theater, PACOM .....		[36,680]
56	ITEMS LESS THAN \$5 MILLION .....	28,768	28,768
	<b>SPECIAL SUPPORT PROJECTS</b>		
58	DARP RC133 .....	25,985	25,985
59	DCGS-AF .....	178,423	178,423
61	SPECIAL UPDATE PROGRAM .....	840,980	840,980
	<b>CLASSIFIED PROGRAMS</b>		
62	CLASSIFIED PROGRAMS .....	16,601,513	16,601,513
	<b>SPARES AND REPAIR PARTS</b>		
64	SPARES AND REPAIR PARTS .....	26,675	29,605
	UFR: Basic Expeditionary Airfield Resources spare requirements in support of the Set the Theater, PACOM .....		[2,930]
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE .....</b>	<b>19,603,497</b>	<b>20,055,896</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>		
	<b>MAJOR EQUIPMENT, OSD</b>		
42	MAJOR EQUIPMENT, OSD .....	36,999	36,999
	<b>MAJOR EQUIPMENT, NSA</b>		
41	INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) .....	5,938	5,938
	<b>MAJOR EQUIPMENT, WHS</b>		
45	MAJOR EQUIPMENT, WHS .....	10,529	10,529
	<b>MAJOR EQUIPMENT, DISA</b>		
7	INFORMATION SYSTEMS SECURITY .....	24,805	24,805
8	TELEPORT PROGRAM .....	46,638	46,638
9	ITEMS LESS THAN \$5 MILLION .....	15,541	15,541
10	NET CENTRIC ENTERPRISE SERVICES (NCES) .....	1,161	1,161
11	DEFENSE INFORMATION SYSTEM NETWORK .....	126,345	126,345
12	CYBER SECURITY INITIATIVE .....	1,817	1,817
13	WHITE HOUSE COMMUNICATION AGENCY .....	45,243	45,243
14	SENIOR LEADERSHIP ENTERPRISE .....	294,139	294,139
16	JOINT REGIONAL SECURITY STACKS (JRSS) .....	188,483	188,483
17	JOINT SERVICE PROVIDER .....	100,783	100,783
	<b>MAJOR EQUIPMENT, DLA</b>		
19	MAJOR EQUIPMENT .....	2,951	2,951
	<b>MAJOR EQUIPMENT, DSS</b>		
23	MAJOR EQUIPMENT .....	1,073	1,073
	<b>MAJOR EQUIPMENT, DCAA</b>		
1	ITEMS LESS THAN \$5 MILLION .....	1,475	1,475
	<b>MAJOR EQUIPMENT, TJS</b>		
43	MAJOR EQUIPMENT, TJS .....	9,341	9,341
44	MAJOR EQUIPMENT, TJS—CE2T2 .....	903	903
	<b>MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY</b>		
27	THAAD .....	451,592	770,992
	UFR: Procures additional THAAD Interceptors .....		[319,400]
28	AEGIS BMD .....	425,018	425,018
29	AEGIS BMD (AP) .....	38,738	38,738
30	BMDs AN/TPY-2 RADARS .....	947	947
33	AEGIS ASHORE PHASE III .....	59,739	59,739
34	IRON DOME .....	42,000	92,000
	Increase for Co-production of Iron Dome Tamir interceptors .....		[50,000]
35	AEGIS BMD HARDWARE AND SOFTWARE .....	160,330	160,330
78	DAVID'S SLING .....	0	120,000
	Increase to DSWS Co-production .....		[120,000]
79	ARROW UPPER TIER .....	0	120,000
	Increase Arrow 3 Co-production .....		[120,000]
	<b>MAJOR EQUIPMENT, DHRA</b>		
3	PERSONNEL ADMINISTRATION .....	14,588	14,588
	<b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>		
25	VEHICLES .....	204	204
26	OTHER MAJOR EQUIPMENT .....	12,363	12,363
	<b>MAJOR EQUIPMENT, DODEA</b>		
21	AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS .....	1,910	1,910
	<b>MAJOR EQUIPMENT, DCMA</b>		
2	MAJOR EQUIPMENT .....	4,347	4,347
	<b>MAJOR EQUIPMENT, DMACT</b>		
20	MAJOR EQUIPMENT .....	13,464	13,464
	<b>CLASSIFIED PROGRAMS</b>		
46	CLASSIFIED PROGRAMS .....	657,759	657,759
	<b>AVIATION PROGRAMS</b>		
49	ROTARY WING UPGRADES AND SUSTAINMENT .....	158,988	145,488
	SOCOM requested transfer .....		[-13,500]
50	UNMANNED ISR .....	13,295	13,295
51	NON-STANDARD AVIATION .....	4,892	4,892
52	U-28 .....	5,769	20,569

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	UFR: Aircraft loss replacement .....		[14,800]
53	MH-47 CHINOOK .....	87,345	87,345
55	CV-22 MODIFICATION .....	42,178	42,178
57	MQ-9 UNMANNED AERIAL VEHICLE .....	21,660	21,660
59	PRECISION STRIKE PACKAGE .....	229,728	229,728
60	AC/MC-130J .....	179,934	179,934
61	C-130 MODIFICATIONS .....	28,059	28,059
	<b>SHIPBUILDING</b>		
62	UNDERWATER SYSTEMS .....	92,606	79,806
	SOCOM requested transfer .....		[-12,800]
	<b>AMMUNITION PROGRAMS</b>		
63	ORDNANCE ITEMS <\$5M .....	112,331	112,331
	<b>OTHER PROCUREMENT PROGRAMS</b>		
64	INTELLIGENCE SYSTEMS .....	82,538	82,538
65	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	11,042	11,042
66	OTHER ITEMS <\$5M .....	54,592	54,592
67	COMBATANT CRAFT SYSTEMS .....	23,272	23,272
68	SPECIAL PROGRAMS .....	16,053	16,053
69	TACTICAL VEHICLES .....	63,304	63,304
70	WARRIOR SYSTEMS <\$5M .....	252,070	252,070
71	COMBAT MISSION REQUIREMENTS .....	19,570	19,570
72	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	3,589	3,589
73	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	17,953	17,953
75	OPERATIONAL ENHANCEMENTS .....	241,429	254,679
	UFR: Medium Precision Strike munitions .....		[13,250]
	<b>CBDP</b>		
76	CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS .....	135,031	135,031
77	CB PROTECTION & HAZARD MITIGATION .....	141,027	141,027
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE</b> .....	<b>4,835,418</b>	<b>5,446,568</b>
	<b>JOINT URGENT OPERATIONAL NEEDS FUND</b>		
	<b>JOINT URGENT OPERATIONAL NEEDS FUND</b>		
1	JOINT URGENT OPERATIONAL NEEDS FUND .....	99,795	99,795
	<b>TOTAL JOINT URGENT OPERATIONAL NEEDS FUND</b> .....	<b>99,795</b>	<b>99,795</b>
	<b>UNDISTRIBUTED</b>		
	<b>UNDISTRIBUTED</b>		
1	UNDISTRIBUTED .....	0	1,870,600
	ERI costs transfer from OCO .....		[1,870,600]
	<b>TOTAL UNDISTRIBUTED</b> .....	<b>0</b>	<b>1,870,600</b>
	<b>TOTAL PROCUREMENT</b> .....	<b>113,983,713</b>	<b>140,317,237</b>

1 **SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY**  
2 **OPERATIONS.**

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	<b>AIRCRAFT PROCUREMENT, ARMY</b>		
	<b>FIXED WING</b>		
4	MQ-1 UAV .....	87,300	87,300
	<b>ROTARY</b>		
6	AH-64 APACHE BLOCK IIIA REMAN .....	39,040	39,040
	<b>MODIFICATION OF AIRCRAFT</b>		
15	MQ-1 PAYLOAD (MIP) .....	41,400	41,400
18	MULTI SENSOR ABN RECON (MIP) .....	33,475	33,475
23	EMARSS SEMA MODS (MIP) .....	36,000	36,000
27	COMMS, NAV SURVEILLANCE .....	4,289	4,289
	<b>GROUND SUPPORT AVIONICS</b>		
33	CMWS .....	139,742	139,742
34	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	43,440	43,440
	<b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....	<b>424,686</b>	<b>424,686</b>
	<b>MISSILE PROCUREMENT, ARMY</b>		
	<b>AIR-TO-SURFACE MISSILE SYSTEM</b>		
5	HELLFIRE SYS SUMMARY .....	278,073	278,073
	<b>ANTI-TANK/ASSAULT MISSILE SYS</b>		
8	JAVELIN (AAWS-M) SYSTEM SUMMARY .....	8,112	8,112
9	TOW 2 SYSTEM SUMMARY .....	3,907	3,907
11	GUIDED MLRS ROCKET (GMLRS) .....	191,522	191,522
13	HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) .....	41,000	41,000

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
14	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) .....	8,669	8,669
	<b>MODIFICATIONS</b>		
18	STINGER MODS .....	28,000	28,000
	<b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....	<b>559,283</b>	<b>559,283</b>
	<b>PROCUREMENT OF W&amp;TCV, ARMY</b>		
	<b>TRACKED COMBAT VEHICLES</b>		
1	BRADLEY PROGRAM .....	200,000	200,000
2	ARMORED MULTI PURPOSE VEHICLE (AMPV) .....	253,903	253,903
	<b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>		
6	BRADLEY PROGRAM (MOD) .....	30,000	30,000
8	PALADIN INTEGRATED MANAGEMENT (PIM) .....	125,736	125,736
14	M1 ABRAMS TANK (MOD) .....	138,700	138,700
15	ABRAMS UPGRADE PROGRAM .....	442,800	442,800
	<b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....	<b>1,191,139</b>	<b>1,191,139</b>
	<b>PROCUREMENT OF AMMUNITION, ARMY</b>		
	<b>SMALL/MEDIUM CAL AMMUNITION</b>		
3	CTG, HANDGUN, ALL TYPES .....	5	5
4	CTG, .50 CAL, ALL TYPES .....	121	121
5	CTG, 20MM, ALL TYPES .....	1,605	1,605
7	CTG, 30MM, ALL TYPES .....	35,000	35,000
	<b>ARTILLERY AMMUNITION</b>		
15	PROJ 155MM EXTENDED RANGE M982 .....	23,234	23,234
16	ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....	20,023	20,023
	<b>MINES</b>		
17	MINES & CLEARING CHARGES, ALL TYPES .....	11,615	11,615
	<b>ROCKETS</b>		
19	SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....	25,000	25,000
20	ROCKET, HYDRA 70, ALL TYPES .....	75,820	75,820
	<b>OTHER AMMUNITION</b>		
24	SIGNALS, ALL TYPES .....	1,013	1,013
	<b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....	<b>193,436</b>	<b>193,436</b>
	<b>OTHER PROCUREMENT, ARMY</b>		
	<b>TACTICAL VEHICLES</b>		
10	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....	25,874	25,874
12	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....	38,628	38,628
14	MODIFICATION OF IN SVC EQUIP .....	64,647	64,647
15	MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS .....	17,508	17,508
	<b>COMM—JOINT COMMUNICATIONS</b>		
20	SIGNAL MODERNIZATION PROGRAM .....	4,900	4,900
	<b>COMM—COMBAT COMMUNICATIONS</b>		
41	TRACTOR RIDE .....	1,000	1,000
	<b>COMM—BASE COMMUNICATIONS</b>		
62	INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....	2,500	2,500
	<b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>		
68	DCGS-A (MIP) .....	39,515	39,515
70	TROJAN (MIP) .....	21,310	21,310
71	MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....	2,300	2,300
72	CI HUMINT AUTO REPRTING AND COLL(CHARCS) .....	14,460	14,460
75	BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....	5,180	5,180
	<b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>		
80	FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE .....	16,935	16,935
81	COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....	18,874	18,874
	<b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>		
84	NIGHT VISION DEVICES .....	377	377
85	SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....	60	60
87	INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....	57,500	57,500
93	MOD OF IN-SVC EQUIP (LLDR) .....	3,974	3,974
95	MORTAR FIRE CONTROL SYSTEM .....	2,947	2,947
	<b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>		
98	AIR & MSL DEFENSE PLANNING & CONTROL SYS .....	9,100	9,100
	<b>CHEMICAL DEFENSIVE EQUIPMENT</b>		
119	BASE DEFENSE SYSTEMS (BDS) .....	3,726	3,726
	<b>COMBAT SERVICE SUPPORT EQUIPMENT</b>		
136	HEATERS AND ECUS .....	270	270
142	FIELD FEEDING EQUIPMENT .....	145	145
143	CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....	1,980	1,980
	<b>MEDICAL EQUIPMENT</b>		
148	COMBAT SUPPORT MEDICAL .....	25,690	25,690
	<b>MAINTENANCE EQUIPMENT</b>		
149	MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....	1,124	1,124
	<b>CONSTRUCTION EQUIPMENT</b>		
153	HYDRAULIC EXCAVATOR .....	3,850	3,850
157	HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....	1,932	1,932
	<b>GENERATORS</b>		
164	GENERATORS AND ASSOCIATED EQUIP .....	569	569

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
<b>TRAINING EQUIPMENT</b>			
168	TRAINING DEVICES, NONSYSTEM .....	2,700	2,700
<b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>			
173	INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....	7,500	7,500
<b>OTHER SUPPORT EQUIPMENT</b>			
176	RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....	8,500	8,500
	<b>TOTAL OTHER PROCUREMENT, ARMY</b> .....	<b>405,575</b>	<b>405,575</b>
<b>JOINT IMPROVISED-THREAT DEFEAT FUND</b>			
<b>NETWORK ATTACK</b>			
1	RAPID ACQUISITION AND THREAT RESPONSE .....	483,058	483,058
	<b>TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND</b> .....	<b>483,058</b>	<b>483,058</b>
<b>AIRCRAFT PROCUREMENT, NAVY</b>			
<b>OTHER AIRCRAFT</b>			
27	STUASLO UAV .....	3,900	3,900
<b>MODIFICATION OF AIRCRAFT</b>			
34	H-53 SERIES .....	950	950
35	SH-60 SERIES .....	15,382	15,382
37	EP-3 SERIES .....	7,220	7,220
47	SPECIAL PROJECT AIRCRAFT .....	19,855	19,855
51	COMMON ECM EQUIPMENT .....	75,530	75,530
62	QRC .....	15,150	15,150
<b>AIRCRAFT SPARES AND REPAIR PARTS</b>			
64	SPARES AND REPAIR PARTS .....	18,850	18,850
<b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>			
66	AIRCRAFT INDUSTRIAL FACILITIES .....	463	463
	<b>TOTAL AIRCRAFT PROCUREMENT, NAVY</b> .....	<b>157,300</b>	<b>157,300</b>
<b>WEAPONS PROCUREMENT, NAVY</b>			
<b>STRATEGIC MISSILES</b>			
3	TOMAHAWK .....	100,086	100,086
<b>TACTICAL MISSILES</b>			
7	STANDARD MISSILE .....	35,208	35,208
11	HELLFIRE .....	8,771	8,771
12	LASER MAVERICK .....	5,040	5,040
<b>MODIFICATION OF MISSILES</b>			
17	ESSM .....	1,768	1,768
<b>GUNS AND GUN MOUNTS</b>			
35	SMALL ARMS AND WEAPONS .....	1,500	1,500
	<b>TOTAL WEAPONS PROCUREMENT, NAVY</b> .....	<b>152,373</b>	<b>152,373</b>
<b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>			
<b>NAVY AMMUNITION</b>			
1	GENERAL PURPOSE BOMBS .....	74,021	74,021
2	JDAM .....	106,941	106,941
3	AIRBORNE ROCKETS, ALL TYPES .....	1,184	1,184
7	AIR EXPENDABLE COUNTERMEASURES .....	15,700	15,700
8	JATOS .....	540	540
12	OTHER SHIP GUN AMMUNITION .....	13,789	13,789
13	SMALL ARMS & LANDING PARTY AMMO .....	1,963	1,963
14	PYROTECHNIC AND DEMOLITION .....	765	765
16	AMMUNITION LESS THAN \$5 MILLION .....	866	866
<b>MARINE CORPS AMMUNITION</b>			
20	MORTARS .....	1,290	1,290
23	DIRECT SUPPORT MUNITIONS .....	1,355	1,355
24	INFANTRY WEAPONS AMMUNITION .....	1,854	1,854
33	ARTILLERY MUNITIONS .....	5,319	5,319
	<b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> .....	<b>225,587</b>	<b>225,587</b>
<b>OTHER PROCUREMENT, NAVY</b>			
<b>OTHER SHIPBOARD EQUIPMENT</b>			
25	UNDERWATER EOD PROGRAMS .....	12,348	12,348
<b>SMALL BOATS</b>			
32	STANDARD BOATS .....	18,000	18,000
<b>SHIP SONARS</b>			
46	SSN ACOUSTIC EQUIPMENT .....	43,500	43,500
<b>AVIATION ELECTRONIC EQUIPMENT</b>			
78	NAVAL MISSION PLANNING SYSTEMS .....	2,550	2,550
<b>OTHER SHORE ELECTRONIC EQUIPMENT</b>			
80	TACTICAL/MOBILE CAI SYSTEMS .....	7,900	7,900
81	DCGS-N .....	6,392	6,392
<b>CRYPTOLOGIC EQUIPMENT</b>			
101	CRYPTOLOGIC COMMUNICATIONS EQUIP .....	2,280	2,280
<b>AIRCRAFT SUPPORT EQUIPMENT</b>			
119	AVIATION SUPPORT EQUIPMENT .....	29,245	29,245
<b>SHIP MISSILE SYSTEMS EQUIPMENT</b>			
121	SHIP MISSILE SUPPORT EQUIPMENT .....	2,436	2,436

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	<b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>		
126	EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....	31,970	31,970
	<b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>		
132	GENERAL PURPOSE TRUCKS .....	496	496
134	FIRE FIGHTING EQUIPMENT .....	2,304	2,304
135	TACTICAL VEHICLES .....	2,336	2,336
	<b>SUPPLY SUPPORT EQUIPMENT</b>		
141	SUPPLY EQUIPMENT .....	164	164
143	FIRST DESTINATION TRANSPORTATION .....	420	420
	<b>COMMAND SUPPORT EQUIPMENT</b>		
147	COMMAND SUPPORT EQUIPMENT .....	21,650	21,650
152	OPERATING FORCES SUPPORT EQUIPMENT .....	15,800	15,800
154	ENVIRONMENTAL SUPPORT EQUIPMENT .....	1,000	1,000
155	PHYSICAL SECURITY EQUIPMENT .....	15,890	15,890
	CLASSIFIED PROGRAMS .....	2,200	2,200
	<b>CLASSIFIED PROGRAMS</b>		
	<b>SPARES AND REPAIR PARTS</b>		
161	SPARES AND REPAIR PARTS .....	1,178	1,178
	<b>TOTAL OTHER PROCUREMENT, NAVY</b> .....	<b>220,059</b>	<b>220,059</b>
	<b>PROCUREMENT, MARINE CORPS</b>		
	<b>ARTILLERY AND OTHER WEAPONS</b>		
6	HIGH MOBILITY ARTILLERY ROCKET SYSTEM .....	5,360	5,360
	<b>GUIDED MISSILES</b>		
11	JAVELIN .....	2,833	2,833
12	FOLLOW ON TO SMAW .....	49	49
13	ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H) .....	5,024	5,024
	<b>REPAIR AND TEST EQUIPMENT</b>		
17	REPAIR AND TEST EQUIPMENT .....	8,241	8,241
	<b>OTHER SUPPORT (TEL)</b>		
19	MODIFICATION KITS .....	750	750
	<b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>		
20	ITEMS UNDER \$5 MILLION (COMM & ELEC) .....	200	200
	<b>RADAR + EQUIPMENT (NON-TEL)</b>		
24	RQ-21 UAS .....	8,400	8,400
	<b>INTELL/COMM EQUIPMENT (NON-TEL)</b>		
26	FIRE SUPPORT SYSTEM .....	50	50
27	INTELLIGENCE SUPPORT EQUIPMENT .....	3,000	3,000
	<b>OTHER SUPPORT (NON-TEL)</b>		
37	COMMAND POST SYSTEMS .....	5,777	5,777
38	RADIO SYSTEMS .....	4,590	4,590
	<b>ENGINEER AND OTHER EQUIPMENT</b>		
53	EOD SYSTEMS .....	21,000	21,000
	<b>TOTAL PROCUREMENT, MARINE CORPS</b> .....	<b>65,274</b>	<b>65,274</b>
	<b>AIRCRAFT PROCUREMENT, AIR FORCE</b>		
	<b>OTHER AIRCRAFT</b>		
17	MQ-9 .....	271,080	271,080
	<b>AIRLIFT AIRCRAFT</b>		
33	C-17A .....	26,850	26,850
	<b>OTHER AIRCRAFT</b>		
48	C-130J MODS .....	8,400	8,400
51	COMPASS CALL MODS .....	56,720	56,720
56	E-8 .....	3,000	3,000
62	HC/MC-130 MODIFICATIONS .....	153,080	153,080
63	OTHER AIRCRAFT .....	10,381	10,381
65	MQ-9 MODS .....	56,400	56,400
	<b>AIRCRAFT SPARES AND REPAIR PARTS</b>		
67	INITIAL SPARES/REPAIR PARTS .....	129,450	129,450
	<b>COMMON SUPPORT EQUIPMENT</b>		
68	AIRCRAFT REPLACEMENT SUPPORT EQUIP .....	25,417	25,417
	<b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....	<b>740,778</b>	<b>740,778</b>
	<b>MISSILE PROCUREMENT, AIR FORCE</b>		
	<b>TACTICAL</b>		
6	PREDATOR HELLFIRE MISSILE .....	294,480	294,480
7	SMALL DIAMETER BOMB .....	90,920	90,920
	<b>CLASS IV</b>		
11	AGM-65D MAVERICK .....	10,000	10,000
	<b>TOTAL MISSILE PROCUREMENT, AIR FORCE</b> .....	<b>395,400</b>	<b>395,400</b>
	<b>SPACE PROCUREMENT, AIR FORCE</b>		
	<b>SPACE PROGRAMS</b>		
10	MILSATCOM .....	2,256	2,256
	<b>TOTAL SPACE PROCUREMENT, AIR FORCE</b> .....	<b>2,256</b>	<b>2,256</b>
	<b>PROCUREMENT OF AMMUNITION, AIR FORCE</b>		
	<b>ROCKETS</b>		

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
1	ROCKETS .....	49,050	49,050
	<b>CARTRIDGES</b>		
2	CARTRIDGES .....	11,384	11,384
	<b>BOMBS</b>		
6	JOINT DIRECT ATTACK MUNITION .....	390,577	390,577
	<b>FLARES</b>		
15	FLARES .....	3,498	3,498
	<b>FUZES</b>		
16	FUZES .....	47,000	47,000
	<b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE</b> .....	<b>501,509</b>	<b>501,509</b>
	<b>OTHER PROCUREMENT, AIR FORCE</b>		
	<b>PASSENGER CARRYING VEHICLES</b>		
1	PASSENGER CARRYING VEHICLES .....	3,855	3,855
	<b>CARGO AND UTILITY VEHICLES</b>		
4	CARGO AND UTILITY VEHICLES .....	1,882	1,882
	<b>SPECIAL PURPOSE VEHICLES</b>		
5	SECURITY AND TACTICAL VEHICLES .....	1,100	1,100
6	SPECIAL PURPOSE VEHICLES .....	32,479	32,479
	<b>FIRE FIGHTING EQUIPMENT</b>		
7	FIRE FIGHTING/CRASH RESCUE VEHICLES .....	22,583	22,583
	<b>MATERIALS HANDLING EQUIPMENT</b>		
8	MATERIALS HANDLING VEHICLES .....	5,353	5,353
	<b>BASE MAINTENANCE SUPPORT</b>		
9	RUNWAY SNOW REMOV & CLEANING EQUIP .....	11,315	11,315
10	BASE MAINTENANCE SUPPORT VEHICLES .....	40,451	40,451
	<b>INTELLIGENCE PROGRAMS</b>		
13	INTERNATIONAL INTEL TECH & ARCHITECTURES .....	8,873	8,873
15	INTELLIGENCE COMM EQUIPMENT .....	2,000	2,000
	<b>ELECTRONICS PROGRAMS</b>		
16	AIR TRAFFIC CONTROL & LANDING SYS .....	56,500	56,500
19	THEATER AIR CONTROL SYS IMPROVEMENTS .....	4,970	4,970
	<b>SPCL COMM-ELECTRONICS PROJECTS</b>		
29	AIR FORCE PHYSICAL SECURITY SYSTEM .....	3,000	3,000
	<b>ORGANIZATION AND BASE</b>		
48	BASE COMM INFRASTRUCTURE .....	55,000	55,000
	<b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>		
51	ITEMS LESS THAN \$5 MILLION .....	8,469	8,469
	<b>BASE SUPPORT EQUIPMENT</b>		
53	BASE PROCURED EQUIPMENT .....	7,500	7,500
54	ENGINEERING AND EOD EQUIPMENT .....	80,427	80,427
56	ITEMS LESS THAN \$5 MILLION .....	110,405	110,405
	<b>SPECIAL SUPPORT PROJECTS</b>		
58	DARP RC135 .....	700	700
59	DCGS-AF .....	9,200	9,200
	CLASSIFIED PROGRAMS .....	3,542,825	3,542,825
	<b>TOTAL OTHER PROCUREMENT, AIR FORCE</b> .....	<b>4,008,887</b>	<b>4,008,887</b>
	<b>PROCUREMENT, DEFENSE-WIDE</b>		
	<b>MAJOR EQUIPMENT, DISA</b>		
8	TELEPORT PROGRAM .....	1,979	1,979
18	DEFENSE INFORMATION SYSTEMS NETWORK .....	12,000	12,000
	CLASSIFIED PROGRAMS .....	43,653	43,653
	<b>AVIATION PROGRAMS</b>		
46	MANNED ISR .....	15,900	15,900
47	MC-12 .....	20,000	20,000
50	UNMANNED ISR .....	38,933	38,933
51	NON-STANDARD AVIATION .....	9,600	9,600
52	U-28 .....	8,100	8,100
53	MH-47 CHINOOK .....	10,270	10,270
57	MQ-9 UNMANNED AERIAL VEHICLE .....	19,780	19,780
61	C-130 MODIFICATIONS .....	3,750	3,750
	<b>AMMUNITION PROGRAMS</b>		
63	ORDNANCE ITEMS <\$5M .....	62,643	62,643
	<b>OTHER PROCUREMENT PROGRAMS</b>		
64	INTELLIGENCE SYSTEMS .....	12,000	12,000
69	TACTICAL VEHICLES .....	38,527	38,527
70	WARRIOR SYSTEMS <\$5M .....	20,215	20,215
73	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	7,134	7,134
75	OPERATIONAL ENHANCEMENTS .....	193,542	209,442
	UFR: Joint Task Force Platform Expansion .....		[15,900]
	<b>TOTAL PROCUREMENT, DEFENSE-WIDE</b> .....	<b>518,026</b>	<b>533,926</b>
	<b>UNDISTRIBUTED</b>		
1	UNDISTRIBUTED .....		-1,870,600
	ERI costs transfer from OCO to base .....		[-1,870,600]
	<b>TOTAL UNDISTRIBUTED</b> .....	<b>0</b>	<b>0</b>

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)

Line	Item	FY 2018 Request	Senate Authorized
	<b>TOTAL PROCUREMENT</b>	<b>10,244,626</b>	<b>8,389,926</b>

1 **TITLE XLII—RESEARCH, DEVELOPMENT,**  
 2 **OPERMENT, TEST, AND EVALUA-**  
 3 **TION**

4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 5 **TION.**

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Senate Authorized
<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY</b>				
<b>BASIC RESEARCH</b>				
1	0601101A	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	12,010	12,010
2	0601102A	DEFENSE RESEARCH SCIENCES	263,590	273,590
		Basic research program increase		[10,000]
3	0601103A	UNIVERSITY RESEARCH INITIATIVES	67,027	67,027
4	0601104A	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	87,395	92,395
		Basic research program increase		[5,000]
235	111111	UNDISTRIBUTED BASIC RESEARCH	0	10,000
		Modernizing Army capabilities and Third Offset		[10,000]
		<b>SUBTOTAL BASIC RESEARCH</b>	<b>430,022</b>	<b>455,022</b>
<b>APPLIED RESEARCH</b>				
5	0602105A	MATERIALS TECHNOLOGY	29,640	39,640
		Strategic materials		[10,000]
6	0602120A	SENSORS AND ELECTRONIC SURVIVABILITY	35,730	35,730
7	0602122A	TRACTOR HIP	8,627	8,627
8	0602211A	AVIATION TECHNOLOGY	66,086	61,086
		General program reduction		[-5,000]
9	0602270A	ELECTRONIC WARFARE TECHNOLOGY	27,144	27,144
10	0602303A	MISSILE TECHNOLOGY	43,742	43,742
11	0602307A	ADVANCED WEAPONS TECHNOLOGY	22,785	22,785
12	0602308A	ADVANCED CONCEPTS AND SIMULATION	28,650	28,650
13	0602601A	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	67,232	67,232
14	0602618A	BALLISTICS TECHNOLOGY	85,309	85,309
15	0602622A	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	4,004	4,004
16	0602623A	JOINT SERVICE SMALL ARMS PROGRAM	5,615	5,615
17	0602624A	WEAPONS AND MUNITIONS TECHNOLOGY	41,455	41,455
18	0602705A	ELECTRONICS AND ELECTRONIC DEVICES	58,352	58,352
19	0602709A	NIGHT VISION TECHNOLOGY	34,723	34,723
20	0602712A	COUNTERMINE SYSTEMS	26,190	26,190
21	0602716A	HUMAN FACTORS ENGINEERING TECHNOLOGY	24,127	24,127
22	0602720A	ENVIRONMENTAL QUALITY TECHNOLOGY	21,678	21,678
23	0602782A	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	33,123	38,123
		Position, navigation, and timing technologies		[5,000]
24	0602783A	COMPUTER AND SOFTWARE TECHNOLOGY	14,041	14,041
25	0602784A	MILITARY ENGINEERING TECHNOLOGY	67,720	67,720
26	0602785A	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	20,216	20,216
27	0602786A	WARFIGHTER TECHNOLOGY	39,559	39,559
28	0602787A	MEDICAL TECHNOLOGY	83,434	83,434
236	222222	UNDISTRIBUTED APPLIED RESEARCH	0	15,000
		Modernizing Army capabilities and Third Offset		[15,000]
		<b>SUBTOTAL APPLIED RESEARCH</b>	<b>889,182</b>	<b>914,182</b>
<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>				
29	0603001A	WARFIGHTER ADVANCED TECHNOLOGY	44,863	44,863
30	0603002A	MEDICAL ADVANCED TECHNOLOGY	67,780	67,780
31	0603003A	AVIATION ADVANCED TECHNOLOGY	160,746	140,746
		Platform design & structure systems		[-20,000]
32	0603004A	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	84,079	84,079
33	0603005A	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	125,537	125,537
34	0603006A	SPACE APPLICATION ADVANCED TECHNOLOGY	12,231	12,231
35	0603007A	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	6,466	6,466

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
36	0603009A	TRACTOR HIKE .....	28,552	28,552
37	0603015A	NEXT GENERATION TRAINING & SIMULATION SYSTEMS .....	16,434	16,434
39	0603125A	COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT .....	26,903	26,903
40	0603130A	TRACTOR NAIL .....	4,880	4,880
41	0603131A	TRACTOR EGGS .....	4,326	4,326
42	0603270A	ELECTRONIC WARFARE TECHNOLOGY .....	31,296	31,296
43	0603313A	MISSILE AND ROCKET ADVANCED TECHNOLOGY .....	62,850	62,850
44	0603322A	TRACTOR CAGE .....	12,323	12,323
45	0603461A	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM .....	182,331	222,331
		<i>Program increase .....</i>		[40,000]
46	0603606A	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY ..	17,948	17,948
47	0603607A	JOINT SERVICE SMALL ARMS PROGRAM .....	5,796	5,796
48	0603710A	NIGHT VISION ADVANCED TECHNOLOGY .....	47,135	47,135
49	0603728A	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS ....	10,421	10,421
50	0603734A	MILITARY ENGINEERING ADVANCED TECHNOLOGY .....	32,448	27,448
		<i>Combat engineering system .....</i>		[-5,000]
51	0603772A	ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECH- NOLOGY .....	52,206	52,206
52	0603794A	C3 ADVANCED TECHNOLOGY .....	33,426	33,426
237	333333	UNDISTRIBUTED ADVANCED TECHNOLOGY DEVELOPMENT .....	0	20,000
		<i>Modernizing Army capabilities and Third Offset .....</i>		[20,000]
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...</b>	<b>1,070,977</b>	<b>1,105,977</b>
<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO- TYPES</b>				
53	0603305A	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION .....	9,634	9,634
55	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	33,949	33,949
56	0603619A	LANDMINE WARFARE AND BARRIER—ADV DEV .....	72,909	72,909
57	0603627A	SMOKE, OBSCURANT AND TARGET DEFEATING SYS—ADV DEV ..	7,135	7,135
58	0603639A	TANK AND MEDIUM CALIBER AMMUNITION .....	41,452	65,902
		<i>UFR: Munitions and CM development .....</i>		[24,450]
59	0603645A	ARMORED SYSTEM MODERNIZATION—ADV DEV .....	32,739	102,739
		<i>UFR: Supports development of critical ground combat vehicle tech- nologies.</i>		[70,000]
60	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	10,157	10,157
61	0603766A	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV .....	27,733	29,353
		<i>UFR: Funds of the Advanced Miniaturized Data Acquisition System— Nert.</i>		[1,620]
62	0603774A	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT .....	12,347	12,347
63	0603779A	ENVIRONMENTAL QUALITY TECHNOLOGY—DEMVAL .....	10,456	10,456
64	0603790A	NATO RESEARCH AND DEVELOPMENT .....	2,588	2,588
65	0603801A	AVIATION—ADV DEV .....	14,055	14,055
66	0603804A	LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV .....	35,333	35,333
67	0603807A	MEDICAL SYSTEMS—ADV DEV .....	33,491	33,491
68	0603827A	SOLDIER SYSTEMS—ADVANCED DEVELOPMENT .....	20,239	20,239
69	0604017A	ROBOTICS DEVELOPMENT .....	39,608	44,608
		<i>UFR: Accelerate armed Robotic Wingman development .....</i>		[5,000]
70	0604100A	ANALYSIS OF ALTERNATIVES .....	9,921	9,921
71	0604114A	LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR .....	76,728	76,728
72	0604115A	TECHNOLOGY MATURATION INITIATIVES .....	115,221	115,221
73	0604117A	MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....	20,000	20,000
74	0604118A	TRACTOR BEAM .....	10,400	10,400
75	0604120A	ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) .....	164,967	165,093
		<i>UFR: Fully funds Anti-Jam Antenna development and testing .....</i>		[126]
76	0604121A	SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTO- TYPING .....	1,600	1,600
77	0604319A	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2— INTERCEPT (IFPC2) .....	11,303	11,303
78	0305251A	CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT .....	56,492	56,492
79	1206308A	ARMY SPACE SYSTEMS INTEGRATION .....	20,432	20,432
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>	<b>890,889</b>	<b>992,085</b>
<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>				
80	0604201A	AIRCRAFT AVIONICS .....	30,153	42,153
		<i>UFR: Funds implementation of Assured Position, Navigation, and Timing (A-PNT).</i>		[12,000]
81	0604270A	ELECTRONIC WARFARE DEVELOPMENT .....	71,671	71,671
83	0604290A	MID-TIER NETWORKING VEHICULAR RADIO (MNV) .....	10,589	10,589
84	0604321A	ALL SOURCE ANALYSIS SYSTEM .....	4,774	4,774
85	0604328A	TRACTOR CAGE .....	17,252	30,252
		<i>UFR: Provides the Army's Cyber Mission Force (CMF) with classified cyber tools.</i>		[13,000]
86	0604601A	INFANTRY SUPPORT WEAPONS .....	87,643	93,643
		<i>UFR: Acceleration of qualification of XM914 and XM913 .....</i>		[6,000]
87	0604604A	MEDIUM TACTICAL VEHICLES .....	6,039	6,039
88	0604611A	JAVELIN .....	21,095	21,095
89	0604622A	FAMILY OF HEAVY TACTICAL VEHICLES .....	10,507	10,507

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
90	0604633A	AIR TRAFFIC CONTROL .....	3,536	3,536
92	0604642A	LIGHT TACTICAL WHEELED VEHICLES .....	7,000	7,000
93	0604645A	ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV .....	36,242	36,242
94	0604710A	NIGHT VISION SYSTEMS—ENG DEV .....	108,504	126,004
		UFR: Develop Thermal Weapon Sights .....		[17,500]
95	0604713A	COMBAT FEEDING, CLOTHING, AND EQUIPMENT .....	3,702	3,702
96	0604715A	NON-SYSTEM TRAINING DEVICES—ENG DEV .....	43,575	43,575
97	0604741A	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV .....	28,726	28,726
98	0604742A	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT .....	18,562	18,562
99	0604746A	AUTOMATIC TEST EQUIPMENT DEVELOPMENT .....	8,344	8,344
100	0604760A	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV .....	11,270	11,270
101	0604768A	BRILLIANT ANTI-ARMOR SUBMUNITION (BAT) .....	10,000	10,000
102	0604780A	COMBINED ARMS TACTICAL TRAINER (CATT) CORE .....	18,566	18,566
103	0604798A	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION .....	145,360	145,360
104	0604802A	WEAPONS AND MUNITIONS—ENG DEV .....	145,232	161,410
		UFR: 105mm Anti-Personnel / Wall Breach Ammunition .....		[8,000]
		UFR: Devops the 40mm Low Velocity M320 Door Breaching cartridge .....		[4,178]
		UFR: Testing for the Anti-Tank Confined Space Tandem Warhead .....		[4,000]
105	0604804A	LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV .....	90,965	90,965
106	0604805A	COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV .....	9,910	9,910
107	0604807A	MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV .....	39,238	39,238
108	0604808A	LANDMINE WARFARE/BARRIER—ENG DEV .....	34,684	34,684
109	0604818A	ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE .....	164,409	164,409
110	0604820A	RADAR DEVELOPMENT .....	32,968	32,968
111	0604822A	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS) .....	49,554	49,554
112	0604823A	FIREFINDER .....	45,605	45,605
113	0604827A	SOLDIER SYSTEMS—WARRIOR DEM/VAL .....	16,127	16,127
114	0604852A	SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD .....	98,600	133,600
		UFR: Expands installation of Active Protection Systems .....		[25,000]
		UFR: Modular Active Protection System .....		[10,000]
115	0604854A	ARTILLERY SYSTEMS—EMD .....	1,972	3,972
		UFR: Funds research for 55 cal tube .....		[2,000]
116	0605013A	INFORMATION TECHNOLOGY DEVELOPMENT .....	81,776	81,776
117	0605018A	INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A) .....	172,361	172,361
118	0605028A	ARMORED MULTI-PURPOSE VEHICLE (AMPV) .....	199,778	199,778
119	0605029A	INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C) .....	4,418	4,418
120	0605030A	JOINT TACTICAL NETWORK CENTER (JTNC) .....	15,877	15,877
121	0605031A	JOINT TACTICAL NETWORK (JTN) .....	44,150	44,150
122	0605032A	TRACTOR TIRE .....	34,670	113,570
		UFR: Develops Offensive Cyber Operations capabilities .....		[78,900]
123	0605033A	GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EX-PEDITIONARY (GBOSS-E) .....	5,207	5,207
124	0605034A	TACTICAL SECURITY SYSTEM (TSS) .....	4,727	4,727
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCM) .....	105,778	105,778
126	0605036A	COMBATING WEAPONS OF MASS DESTRUCTION (CWMD) .....	6,927	6,927
127	0605037A	EVIDENCE COLLECTION AND DETAINEE PROCESSING .....	214	214
128	0605038A	NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE .....	16,125	16,125
129	0605041A	DEFENSIVE CYBER TOOL DEVELOPMENT .....	55,165	55,165
130	0605042A	TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER) .....	20,076	20,076
131	0605047A	CONTRACT WRITING SYSTEM .....	20,322	22
		Consolidate requirements .....		[-20,300]
132	0605049A	MISSILE WARNING SYSTEM MODERNIZATION (MWSM) .....	55,810	210,810
		UFR: Supports Directed Requirement for Limited Interim Missile Warning System to detect Enemy (MANPADS) .....		[155,000]
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	30,879	30,879
134	0605052A	INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1 .....	175,069	175,069
135	0605053A	GROUND ROBOTICS .....	70,760	70,760
137	0605380A	AMF JOINT TACTICAL RADIO SYSTEM (JTRS) .....	8,965	8,965
138	0605450A	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	34,626	34,626
140	0605457A	ARMY INTEGRATED AIR AND MISSILE DEFENSE (ALAMD) .....	336,420	136,420
		Early to need .....		[-200,000]
143	0605766A	NATIONAL CAPABILITIES INTEGRATION (MIP) .....	6,882	9,382
		UFR: Funds development for Remote Ground Terminal .....		[2,500]
144	0605812A	JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH .....	23,467	23,467
145	0605830A	AVIATION GROUND SUPPORT EQUIPMENT .....	6,930	6,930
146	0210609A	PALADIN INTEGRATED MANAGEMENT (PIM) .....	6,112	6,112
147	0303032A	TROJAN—RH12 .....	4,431	4,431
150	0304270A	ELECTRONIC WARFARE DEVELOPMENT .....	14,616	14,616
151	1205117A	TRACTOR BEARS .....	17,928	17,928
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>	<b>3,012,840</b>	<b>3,130,618</b>

SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Senate Authorized
<b>RDT&amp;E MANAGEMENT SUPPORT</b>				
152	0604256A	THREAT SIMULATOR DEVELOPMENT .....	22,862	22,862
153	0604258A	TARGET SYSTEMS DEVELOPMENT .....	13,902	13,902
154	0604759A	MAJOR T&E INVESTMENT .....	102,901	102,901
155	0605103A	RAND ARROYO CENTER .....	20,140	20,140
156	0605301A	ARMY KWAJALEIN ATOLL .....	246,663	251,025
		UFR: Increases funding for facilities sustainment from 75% to 83% ...		[4,362]
157	0605326A	CONCEPTS EXPERIMENTATION PROGRAM .....	29,820	29,820
159	0605601A	ARMY TEST RANGES AND FACILITIES .....	307,588	307,588
160	0605602A	ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS .....	49,242	49,242
161	0605604A	SURVIVABILITY/LETHALITY ANALYSIS .....	41,843	41,843
162	0605606A	AIRCRAFT CERTIFICATION .....	4,804	4,804
163	0605702A	METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES .....	7,238	7,238
164	0605706A	MATERIEL SYSTEMS ANALYSIS .....	21,890	21,890
165	0605709A	EXPLOITATION OF FOREIGN ITEMS .....	12,684	12,684
166	0605712A	SUPPORT OF OPERATIONAL TESTING .....	51,040	51,040
167	0605716A	ARMY EVALUATION CENTER .....	56,246	56,246
168	0605718A	ARMY MODELING & SIM X-CMD COLLABORATION & INTEG .....	1,829	1,829
169	0605801A	PROGRAMWIDE ACTIVITIES .....	55,060	55,060
170	0605803A	TECHNICAL INFORMATION ACTIVITIES .....	33,934	33,934
171	0605805A	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY .....	43,444	43,444
172	0605857A	ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT .....	5,087	5,087
173	0605898A	ARMY DIRECT REPORT HEADQUARTERS—R&D—MHA .....	54,679	54,679
174	0606001A	MILITARY GROUND-BASED CREW TECHNOLOGY .....	7,916	7,916
175	0606002A	RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE .....	61,254	61,254
176	0303260A	DEFENSE MILITARY DECEPTION INITIATIVE .....	1,779	1,779
		<b>SUBTOTAL RDT&amp;E MANAGEMENT SUPPORT .....</b>	<b>1,253,845</b>	<b>1,258,207</b>
<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>				
178	0603778A	MLRS PRODUCT IMPROVEMENT PROGRAM .....	8,929	8,929
179	0603813A	TRACTOR PULL .....	4,014	4,014
180	0605024A	ANTI-TAMPER TECHNOLOGY SUPPORT .....	4,094	4,094
181	0607131A	WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.	15,738	15,738
182	0607133A	TRACTOR SMOKE .....	4,513	4,513
183	0607134A	LONG RANGE PRECISION FIRES (LRPF) .....	102,014	144,745
		UFR: Accelerates LRPF procurement from FY25 .....		[42,731]
184	0607135A	APACHE PRODUCT IMPROVEMENT PROGRAM .....	59,977	59,977
185	0607136A	BLACKHAWK PRODUCT IMPROVEMENT PROGRAM .....	34,416	34,416
186	0607137A	CHINOOK PRODUCT IMPROVEMENT PROGRAM .....	194,567	194,567
187	0607138A	FIXED WING PRODUCT IMPROVEMENT PROGRAM .....	9,981	9,981
188	0607139A	IMPROVED TURBINE ENGINE PROGRAM .....	204,304	204,304
189	0607140A	EMERGING TECHNOLOGIES FROM NIE .....	1,023	1,023
190	0607141A	LOGISTICS AUTOMATION .....	1,504	1,504
191	0607142A	AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.	10,064	18,064
		UFR: Qualifies M282 for use by AH-64 aircraft .....		[8,000]
192	0607143A	UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS .....	38,463	38,463
193	0607665A	FAMILY OF BIOMETRICS .....	6,159	6,159
194	0607865A	PATRIOT PRODUCT IMPROVEMENT .....	90,217	180,217
		UFR: Funds Terminal High Altitude Area Defense (THAAD)/Missile Segment Enhanced (MSE) integration.		[90,000]
195	0202429A	AEROSTAT JOINT PROJECT—COCOM EXERCISE .....	6,749	6,749
196	0203728A	JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOC).	33,520	33,520
197	0203735A	COMBAT VEHICLE IMPROVEMENT PROGRAMS .....	343,175	351,175
		Laser warning sensor suite .....		[4,000]
		UFR: Accelerate the development of the M88A2E1 .....		[4,000]
198	0203740A	MANEUVER CONTROL SYSTEM .....	6,639	6,639
199	0203743A	155MM SELF-PROPELLED HOWITZER IMPROVEMENTS .....	40,784	40,784
200	0203744A	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.	39,358	39,358
201	0203752A	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	145	145
202	0203758A	DIGITIZATION .....	4,803	4,803
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....	2,723	28,723
		UFR: Supports research for the Stinger Product Improvement Program (PIP).		[26,000]
204	0203802A	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....	5,000	5,000
205	0203808A	TRACTOR CARD .....	37,883	37,883
207	0205410A	MATERIALS HANDLING EQUIPMENT .....	1,582	1,582
208	0205412A	ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.	195	195
209	0205456A	LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM .....	78,926	78,926
210	0205778A	GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) .....	102,807	102,807
213	0303028A	SECURITY AND INTELLIGENCE ACTIVITIES .....	13,807	35,652
		UFR: Funds Offensive Cyber capabilities development .....		[21,845]
214	0303140A	INFORMATION SYSTEMS SECURITY PROGRAM .....	132,438	132,438
215	0303141A	GLOBAL COMBAT SUPPORT SYSTEM .....	64,370	64,370

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
217	0303150A	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM .....	10,475	10,475
220	0305172A	COMBINED ADVANCED APPLICATIONS .....	1,100	1,100
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	9,433	9,433
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	5,080	5,080
224	0305208A	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	24,700	4,700
		<i>Change in tactical requirements</i> .....		[-20,000]
225	0305219A	MQ-1C GRAY EAGLE UAS .....	9,574	9,574
226	0305232A	RQ-11 UAV .....	2,191	2,191
227	0305233A	RQ-7 UAV .....	12,773	12,773
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE .....	2,537	2,537
229	0310349A	WIN-T INCREMENT 2—INITIAL NETWORKING .....	4,723	723
		<i>Change in tactical requirements</i> .....		[-4,000]
230	0708045A	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES .....	60,877	60,877
231	1203142A	SATCOM GROUND ENVIRONMENT (SPACE) .....	11,959	11,959
232	1208053A	JOINT TACTICAL GROUND SYSTEM .....	10,228	10,228
234	9999999999	CLASSIFIED PROGRAMS .....	7,154	7,154
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b> .....	<b>1,877,685</b>	<b>2,050,261</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>9,425,440</b>	<b>9,906,352</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>		
		<b>BASIC RESEARCH</b>		
1	0601103N	UNIVERSITY RESEARCH INITIATIVES .....	118,130	123,130
		<i>Program increase</i> .....		[5,000]
2	0601152N	IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....	19,438	19,438
3	0601153N	DEFENSE RESEARCH SCIENCES .....	458,333	458,333
		<b>SUBTOTAL BASIC RESEARCH</b> .....	<b>595,901</b>	<b>600,901</b>
		<b>APPLIED RESEARCH</b>		
4	0602114N	POWER PROJECTION APPLIED RESEARCH .....	13,553	13,553
5	0602123N	FORCE PROTECTION APPLIED RESEARCH .....	125,557	125,557
6	0602131M	MARINE CORPS LANDING FORCE TECHNOLOGY .....	53,936	53,936
7	0602235N	COMMON PICTURE APPLIED RESEARCH .....	36,450	36,450
8	0602236N	WARFIGHTER SUSTAINMENT APPLIED RESEARCH .....	48,649	48,649
9	0602271N	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH .....	79,598	79,598
10	0602435N	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH .....	42,411	57,411
		<i>Research vessel refit</i> .....		[15,000]
11	0602651M	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH .....	6,425	6,425
12	0602747N	UNDERSEA WARFARE APPLIED RESEARCH .....	56,094	81,094
		<i>Program increase</i> .....		[25,000]
13	0602750N	FUTURE NAVAL CAPABILITIES APPLIED RESEARCH .....	156,805	156,805
14	0602782N	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH .....	32,733	32,733
15	0602792N	INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH .....	171,146	161,146
		<i>General decrease</i> .....		[-10,000]
16	0602861N	SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.	62,722	62,722
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>886,079</b>	<b>916,079</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
19	0603123N	FORCE PROTECTION ADVANCED TECHNOLOGY .....	26,342	26,342
20	0603271N	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY .....	9,360	9,360
21	0603640M	USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD) .....	154,407	149,407
		<i>Futures directorate</i> .....		[-5,000]
22	0603651M	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT .....	13,448	13,448
23	0603673N	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.	231,772	226,772
		<i>Capable manpower, enterprise and platform enablers</i> .....		[-5,000]
24	0603680N	MANUFACTURING TECHNOLOGY PROGRAM .....	57,797	57,797
25	0603729N	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY .....	4,878	4,878
27	0603758N	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS .....	64,889	64,889
28	0603782N	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.	15,164	30,164
		<i>Maritime intelligence, surveillance, and reconnaissance technology</i> .....		[15,000]
29	0603801N	INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.	108,285	123,285
		<i>Underwater unmanned vehicle prototypes</i> .....		[15,000]
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b> .....	<b>686,342</b>	<b>706,342</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
30	0603207N	AIR/OCEAN TACTICAL APPLICATIONS .....	48,365	48,365
31	0603216N	AVIATION SURVIVABILITY .....	5,566	5,566
33	0603251N	AIRCRAFT SYSTEMS .....	695	695
34	0603254N	ASW SYSTEMS DEVELOPMENT .....	7,661	7,661
35	0603261N	TACTICAL AIRBORNE RECONNAISSANCE .....	3,707	3,707
36	0603382N	ADVANCED COMBAT SYSTEMS TECHNOLOGY .....	61,381	61,381
37	0603502N	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES .....	154,117	128,117

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Line	Program Element	Item	FY 2018 Request	Senate Authorized
		PLUS experimentation .....		[10,000]
		Reduce Barracuda .....		[-16,000]
		Reduce Snakehead .....		[-20,000]
38	0603506N	SURFACE SHIP TORPEDO DEFENSE .....	14,974	14,974
39	0603512N	CARRIER SYSTEMS DEVELOPMENT .....	9,296	9,296
40	0603525N	PILOT FISH .....	132,083	132,083
41	0603527N	RETRACT LARCH .....	15,407	15,407
42	0603536N	RETRACT JUNIPER .....	122,413	122,413
43	0603542N	RADIOLOGICAL CONTROL .....	745	745
44	0603553N	SURFACE ASW .....	1,136	1,136
45	0603561N	ADVANCED SUBMARINE SYSTEM DEVELOPMENT .....	100,955	100,955
46	0603562N	SUBMARINE TACTICAL WARFARE SYSTEMS .....	13,834	13,834
47	0603563N	SHIP CONCEPT ADVANCED DESIGN .....	36,891	36,891
48	0603564N	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES .....	12,012	42,012
		Aircraft carrier preliminary design .....		[30,000]
49	0603570N	ADVANCED NUCLEAR POWER SYSTEMS .....	329,500	329,500
50	0603573N	ADVANCED SURFACE MACHINERY SYSTEMS .....	29,953	29,953
51	0603576N	CHALK EAGLE .....	191,610	191,610
52	0603581N	LITTORAL COMBAT SHIP (LCS) .....	40,991	33,991
		Excess program support .....		[-7,000]
53	0603582N	COMBAT SYSTEM INTEGRATION .....	24,674	24,674
54	0603595N	OHIO REPLACEMENT .....	776,158	776,158
55	0603596N	LCS MISSION MODULES .....	116,871	116,871
56	0603597N	AUTOMATED TEST AND ANALYSIS .....	8,052	8,052
57	0603599N	FRIGATE DEVELOPMENT .....	143,450	143,450
58	0603609N	CONVENTIONAL MUNITIONS .....	8,909	8,909
60	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM .....	1,428	1,428
61	0603654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	53,367	53,367
63	0603713N	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT .....	8,212	8,212
64	0603721N	ENVIRONMENTAL PROTECTION .....	20,214	20,214
65	0603724N	NAVY ENERGY PROGRAM .....	50,623	50,623
66	0603725N	FACILITIES IMPROVEMENT .....	2,837	2,837
67	0603734N	CHALK CORAL .....	245,143	245,143
68	0603739N	NAVY LOGISTIC PRODUCTIVITY .....	2,995	2,995
69	0603746N	RETRACT MAPLE .....	306,101	306,101
70	0603748N	LINK PLUMERIA .....	253,675	253,675
71	0603751N	RETRACT ELM .....	55,691	55,691
72	0603764N	LINK EVERGREEN .....	48,982	48,982
74	0603790N	NATO RESEARCH AND DEVELOPMENT .....	9,099	9,099
75	0603795N	LAND ATTACK TECHNOLOGY .....	33,568	33,568
76	0603851M	JOINT NON-LETHAL WEAPONS TESTING .....	29,873	29,873
77	0603860N	JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEM/ VAL .....	106,391	106,391
78	0603925N	DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS .....	107,310	107,310
79	0604112N	GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80) .....	83,935	83,935
81	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM) .....	46,844	46,844
83	0604286M	MARINE CORPS ADDITIVE MANUFACTURING TECHNOLOGY DE- VELOPMENT .....	6,200	6,200
85	0604320M	RAPID TECHNOLOGY CAPABILITY PROTOTYPE .....	7,055	17,055
		Increase rapid acquisition capability for Marine Corps Warfighting Lab. ....		[10,000]
86	0604454N	LX (R) .....	9,578	9,578
87	0604536N	ADVANCED UNDERSEA PROTOTYPING .....	66,543	13,643
		Funding early to need .....		[-52,900]
89	0604659N	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM .....	31,315	31,315
90	0604707N	SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/EN- GINEERING SUPPORT .....	42,851	42,851
91	0604786N	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT .....	160,694	160,694
93	0303354N	ASW SYSTEMS DEVELOPMENT—MIP .....	8,278	8,278
94	0304240M	ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....	7,979	7,979
95	0304270N	ELECTRONIC WARFARE DEVELOPMENT—MIP .....	527	527
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> .....	<b>4,218,714</b>	<b>4,172,814</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
96	0603208N	TRAINING SYSTEM AIRCRAFT .....	16,945	16,945
97	0604212N	OTHER HELO DEVELOPMENT .....	26,786	26,786
98	0604214N	AV-SB AIRCRAFT—ENG DEV .....	48,780	48,780
99	0604215N	STANDARDS DEVELOPMENT .....	2,722	2,722
100	0604216N	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT .....	5,371	5,371
101	0604218N	AIR/OCEAN EQUIPMENT ENGINEERING .....	782	782
102	0604221N	P-3 MODERNIZATION PROGRAM .....	1,361	1,361
103	0604230N	WARFARE SUPPORT SYSTEM .....	14,167	14,167
104	0604231N	TACTICAL COMMAND SYSTEM .....	55,695	55,695
105	0604234N	ADVANCED HAWKEYE .....	292,535	292,535
106	0604245N	H-1 UPGRADES .....	61,288	61,288

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107	0604261N	ACOUSTIC SEARCH SENSORS .....	37,167	37,167
108	0604262N	V-22A .....	171,386	186,386
		UPR: MV-22 Common Configuration CC-RAM improvements .....		[15,000]
109	0604264N	AIR CREW SYSTEMS DEVELOPMENT .....	13,235	33,235
		Physiological Episode prize competition .....		[10,000]
		Physiological episodes .....		[10,000]
110	0604269N	EA-18 .....	173,488	173,488
111	0604270N	ELECTRONIC WARFARE DEVELOPMENT .....	54,055	57,055
		UPR: Intrepid Tiger UH-1Y Jettison Capability .....		[3,000]
112	0604273N	EXECUTIVE HELO DEVELOPMENT .....	451,938	451,938
113	0604274N	NEXT GENERATION JAMMER (NGJ) .....	632,936	632,936
114	0604280N	JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY) .....	4,310	4,310
115	0604282N	NEXT GENERATION JAMMER (NGJ) INCREMENT II .....	66,686	66,686
116	0604307N	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING .....	390,238	390,238
117	0604311N	LPD-17 CLASS SYSTEMS INTEGRATION .....	689	689
118	0604329N	SMALL DIAMETER BOMB (SDB) .....	112,846	112,846
119	0604366N	STANDARD MISSILE IMPROVEMENTS .....	158,578	158,578
120	0604373N	AIRBORNE MCM .....	15,734	15,734
122	0604378N	NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING .....	25,445	25,445
124	0604501N	ADVANCED ABOVE WATER SENSORS .....	87,233	87,233
125	0604503N	SSN-688 AND TRIDENT MODERNIZATION .....	130,981	130,981
126	0604504N	AIR CONTROL .....	75,186	75,186
127	0604512N	SHIPBOARD AVIATION SYSTEMS .....	177,926	177,926
128	0604518N	COMBAT INFORMATION CENTER CONVERSION .....	8,062	8,062
129	0604522N	AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM .....	32,090	32,090
130	0604558N	NEW DESIGN SSN .....	120,087	120,087
131	0604562N	SUBMARINE TACTICAL WARFARE SYSTEM .....	50,850	50,850
132	0604567N	SHIP CONTRACT DESIGN/ LIVE FIRE T&E .....	67,166	67,166
133	0604574N	NAVY TACTICAL COMPUTER RESOURCES .....	4,817	4,817
134	0604580N	VIRGINIA PAYLOAD MODULE (VPM) .....	72,861	72,861
135	0604601N	MINE DEVELOPMENT .....	25,635	25,635
136	0604610N	LIGHTWEIGHT TORPEDO DEVELOPMENT .....	28,076	28,076
137	0604654N	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....	7,561	7,561
138	0604703N	PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS .....	40,828	40,828
139	0604727N	JOINT STANDOFF WEAPON SYSTEMS .....	435	435
140	0604755N	SHIP SELF DEFENSE (DETECT & CONTROL) .....	161,713	164,713
		UPR: Ship C2 Systems for Amphibs .....		[3,000]
141	0604756N	SHIP SELF DEFENSE (ENGAGE: HARD KILL) .....	212,412	212,412
142	0604757N	SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) .....	103,391	103,391
143	0604761N	INTELLIGENCE ENGINEERING .....	34,855	34,855
144	0604771N	MEDICAL DEVELOPMENT .....	9,353	9,353
145	0604777N	NAVIGATION/ID SYSTEM .....	92,546	92,546
146	0604800M	JOINT STRIKE FIGHTER (JSF)—EMD .....	152,934	244,134
		SDD plus up .....		[91,200]
147	0604800N	JOINT STRIKE FIGHTER (JSF)—EMD .....	108,931	175,631
		SDD plus up .....		[66,700]
148	0604810M	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—MARINE CORPS .....	144,958	144,958
149	0604810N	JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—NAVY .....	143,855	143,855
150	0605013M	INFORMATION TECHNOLOGY DEVELOPMENT .....	14,865	14,865
151	0605013N	INFORMATION TECHNOLOGY DEVELOPMENT .....	152,977	117,932
		Navy ePS consolidate requirements .....		[-11,200]
		NSIPS consolidate requirements .....		[-23,845]
152	0605024N	ANTI-TAMPER TECHNOLOGY SUPPORT .....	3,410	3,410
153	0605212N	CH-53K RDTE .....	340,758	340,758
154	0605215N	MISSION PLANNING .....	33,430	33,430
155	0605217N	COMMON AVIONICS .....	58,163	58,163
156	0605220N	SHIP TO SHORE CONNECTOR (SSC) .....	22,410	22,410
157	0605327N	T-AO 205 CLASS .....	1,961	1,961
158	0605414N	UNMANNED CARRIER AVIATION (UCA) .....	222,208	222,208
159	0605450N	JOINT AIR-TO-GROUND MISSILE (JAGM) .....	15,473	15,473
160	0605500N	MULTI-MISSION MARITIME AIRCRAFT (MMA) .....	11,795	11,795
161	0605504N	MULTI-MISSION MARITIME (MMA) INCREMENT III .....	181,731	181,731
162	0605611M	MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION .....	178,993	178,993
163	0605813M	JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION .....	20,710	20,710
164	0204202N	DDG-1000 .....	140,500	90,500
		Unjustified cost growth .....		[-50,000]
168	0304785N	TACTICAL CRYPTOLOGIC SYSTEMS .....	28,311	28,311
170	0306250M	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	4,502	4,502
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b> .....	<b>6,362,102</b>	<b>6,475,957</b>
		<b>MANAGEMENT SUPPORT</b>		
171	0604256N	THREAT SIMULATOR DEVELOPMENT .....	91,819	91,819

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
172	0604258N	TARGET SYSTEMS DEVELOPMENT .....	23,053	23,053
173	0604759N	MAJOR T&E INVESTMENT .....	52,634	65,634
		UFR: Critical infrastructure investments for major range and test facilities.		[13,000]
174	0605126N	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION ...	141	141
175	0605152N	STUDIES AND ANALYSIS SUPPORT—NAVY .....	3,917	3,917
176	0605154N	CENTER FOR NAVAL ANALYSES .....	50,432	50,432
179	0605804N	TECHNICAL INFORMATION SERVICES .....	782	782
180	0605853N	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT .....	94,562	89,062
		Unjustified cost growth .....		[-5,500]
181	0605856N	STRATEGIC TECHNICAL SUPPORT .....	4,313	4,313
182	0605861N	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT .....	1,104	1,104
183	0605863N	RDT&E SHIP AND AIRCRAFT SUPPORT .....	105,666	105,666
184	0605864N	TEST AND EVALUATION SUPPORT .....	373,667	373,667
185	0605865N	OPERATIONAL TEST AND EVALUATION CAPABILITY .....	20,298	20,298
186	0605866N	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT .....	17,341	17,341
188	0605873M	MARINE CORPS PROGRAM WIDE SUPPORT .....	21,751	21,751
189	0605898N	MANAGEMENT HQ—R&D .....	44,279	44,279
190	0606355N	WARFARE INNOVATION MANAGEMENT .....	28,841	28,841
191	0902498N	MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).	1,749	1,749
194	1206867N	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT .....	9,408	9,408
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>945,757</b>	<b>953,257</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
196	0607658N	COOPERATIVE ENGAGEMENT CAPABILITY (CEC) .....	92,571	121,571
		UFR: Accelerate Tactical Data Distribution Initiative .....		[18,000]
		UFR: IFF Mode 5 acceleration .....		[11,000]
197	0607700N	DEPLOYABLE JOINT COMMAND AND CONTROL .....	3,137	3,137
198	0101221N	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT .....	135,219	135,219
199	0101224N	SSBN SECURITY TECHNOLOGY PROGRAM .....	36,242	36,242
200	0101226N	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT .....	12,053	12,053
201	0101402N	NAVY STRATEGIC COMMUNICATIONS .....	18,221	18,221
203	0204136N	F/A-18 SQUADRONS .....	224,470	224,470
204	0204163N	FLEET TELECOMMUNICATIONS (TACTICAL) .....	33,525	33,525
205	0204228N	SURFACE SUPPORT .....	24,829	24,829
206	0204229N	TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).	133,617	133,617
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM .....	38,972	38,972
208	0204413N	AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).	3,940	3,940
209	0204460M	GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....	54,645	54,645
210	0204571N	CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT .....	66,518	66,518
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT .....	1,155	1,155
212	0204575N	ELECTRONIC WARFARE (EW) READINESS SUPPORT .....	51,040	51,040
213	0205601N	HARM IMPROVEMENT .....	87,989	97,989
		UFR: Weapons Improvement .....		[10,000]
214	0205604N	TACTICAL DATA LINKS .....	89,852	89,852
215	0205620N	SURFACE ASW COMBAT SYSTEM INTEGRATION .....	29,351	29,351
216	0205632N	MK-48 ADCAP .....	68,553	68,553
217	0205633N	AVIATION IMPROVEMENTS .....	119,099	119,099
218	0205675N	OPERATIONAL NUCLEAR POWER SYSTEMS .....	127,445	127,445
219	0206131M	MARINE CORPS COMMUNICATIONS SYSTEMS .....	123,825	123,825
220	0206333M	COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) ...	7,343	7,343
221	0206623M	MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	66,009	66,009
222	0206624M	MARINE CORPS COMBAT SERVICES SUPPORT .....	25,258	25,258
223	0206625M	USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) ...	30,886	30,886
224	0206629M	AMPHIBIOUS ASSAULT VEHICLE .....	58,728	58,728
225	0207161N	TACTICAL AIM MISSILES .....	42,884	51,884
		UFR: Weapons Improvement .....		[9,000]
226	0207163N	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....	25,364	25,364
232	0303138N	CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES).	24,271	24,271
233	0303140N	INFORMATION SYSTEMS SECURITY PROGRAM .....	50,269	50,269
236	0305192N	MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES .....	6,352	6,352
237	0305204N	TACTICAL UNMANNED AERIAL VEHICLES .....	7,770	7,770
238	0305205N	UAS INTEGRATION AND INTEROPERABILITY .....	39,736	39,736
239	0305208M	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	12,867	12,867
240	0305208N	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	46,150	46,150
241	0305220N	MQ-4C TRITON .....	84,115	84,115
242	0305231N	MQ-8 UAV .....	62,656	62,656
243	0305232M	RQ-11 UAV .....	2,022	2,022
245	0305234N	SMALL (LEVEL 0) TACTICAL UAS (STUASLo) .....	4,835	4,835
246	0305239M	RQ-21A .....	8,899	8,899
247	0305241N	MULTI-INTELLIGENCE SENSOR DEVELOPMENT .....	99,020	99,020
248	0305242M	UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP) .....	18,578	18,578
249	0305421N	RQ-4 MODERNIZATION .....	229,404	229,404
250	0308601N	MODELING AND SIMULATION SUPPORT .....	5,238	5,238

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Line	Program Element	Item	FY 2018 Request	Senate Authorized
251	0702207N	DEPOT MAINTENANCE (NON-IF) .....	38,227	38,227
252	0708730N	MARITIME TECHNOLOGY (MARITECH) .....	4,808	4,808
253	1203109N	SATELLITE COMMUNICATIONS (SPACE) .....	37,836	37,836
255	9999999999	CLASSIFIED PROGRAMS .....	1,364,347	1,564,347
		Classified project 0428 .....		[200,000]
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b> .....	<b>3,980,140</b>	<b>4,228,140</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>17,675,035</b>	<b>18,053,490</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF</b>		
		<b>BASIC RESEARCH</b>		
1	0601102F	DEFENSE RESEARCH SCIENCES .....	342,919	342,919
2	0601103F	UNIVERSITY RESEARCH INITIATIVES .....	147,923	147,923
3	0601108F	HIGH ENERGY LASER RESEARCH INITIATIVES .....	14,417	14,417
		<b>SUBTOTAL BASIC RESEARCH</b> .....	<b>505,259</b>	<b>505,259</b>
		<b>APPLIED RESEARCH</b>		
4	0602102F	MATERIALS .....	124,264	124,264
5	0602201F	AEROSPACE VEHICLE TECHNOLOGIES .....	124,678	129,678
		Hypersonic wind tunnels .....		[5,000]
6	0602202F	HUMAN EFFECTIVENESS APPLIED RESEARCH .....	108,784	133,784
		Advanced training environments .....		[25,000]
7	0602203F	AEROSPACE PROPULSION .....	192,695	200,695
		Program increase .....		[5,500]
		UFR: S&T TOA to 1.9% .....		[2,500]
8	0602204F	AEROSPACE SENSORS .....	152,782	152,782
9	0602298F	SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEAD- QUARTERS ACTIVITIES .....	8,353	8,353
10	0602601F	SPACE TECHNOLOGY .....	116,503	116,503
11	0602602F	CONVENTIONAL MUNITIONS .....	112,195	112,195
12	0602605F	DIRECTED ENERGY TECHNOLOGY .....	132,993	141,293
		UFR: S&T TOA to 1.9% .....		[8,300]
13	0602788F	DOMINANT INFORMATION SCIENCES AND METHODS .....	167,818	167,818
14	0602890F	HIGH ENERGY LASER RESEARCH .....	43,049	43,049
		<b>SUBTOTAL APPLIED RESEARCH</b> .....	<b>1,284,114</b>	<b>1,330,414</b>
		<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>		
15	0603112F	ADVANCED MATERIALS FOR WEAPON SYSTEMS .....	37,856	37,856
16	0603199F	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T) .....	22,811	22,811
17	0603203F	ADVANCED AEROSPACE SENSORS .....	40,978	40,978
18	0603211F	AEROSPACE TECHNOLOGY DEV/DEMO .....	115,966	121,666
		UFR: S&T TOA to 1.9% .....		[5,700]
19	0603216F	AEROSPACE PROPULSION AND POWER TECHNOLOGY .....	104,499	117,999
		UFR: S&T TOA to 1.9% .....		[13,500]
20	0603270F	ELECTRONIC COMBAT TECHNOLOGY .....	60,551	65,551
		Software engineering capabilities .....		[5,000]
21	0603401F	ADVANCED SPACECRAFT TECHNOLOGY .....	58,910	73,910
		UFR: Commercial SSA consortia/testbed .....		[15,000]
22	0603444F	MAUI SPACE SURVEILLANCE SYSTEM (MSSS) .....	10,433	10,433
23	0603456F	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOP- MENT .....	33,635	33,635
24	0603601F	CONVENTIONAL WEAPONS TECHNOLOGY .....	167,415	167,415
25	0603605F	ADVANCED WEAPONS TECHNOLOGY .....	45,502	45,502
26	0603680F	MANUFACTURING TECHNOLOGY PROGRAM .....	46,450	46,450
27	0603788F	BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION .....	49,011	49,011
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b> .....	<b>794,017</b>	<b>833,217</b>
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO- TYPES</b>		
28	0603260F	INTELLIGENCE ADVANCED DEVELOPMENT .....	5,652	5,652
30	0603742F	COMBAT IDENTIFICATION TECHNOLOGY .....	24,397	24,397
31	0603790F	NATO RESEARCH AND DEVELOPMENT .....	3,851	3,851
33	0603851F	INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL .....	10,736	10,736
34	0603859F	POLLUTION PREVENTION—DEM/VAL .....	2	2
35	0604015F	LONG RANGE STRIKE—BOMBER .....	2,003,580	2,003,580
36	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....	65,458	100,858
		UFR: GPS Receiver Development .....		[35,400]
37	0604257F	ADVANCED TECHNOLOGY AND SENSORS .....	68,719	83,419
		UFR: Hyperspectral Chip Development .....		[14,700]
38	0604288F	NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP .....	7,850	7,850
39	0604317F	TECHNOLOGY TRANSFER .....	3,295	3,295
40	0604327F	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM .....	17,365	17,365
41	0604414F	CYBER RESILIENCY OF WEAPON SYSTEMS-ACS .....	32,253	42,453
		UFR: Cyber Security & Resiliency for Weapon Systems .....		[10,200]
44	0604776F	DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....	26,222	26,222

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
46	0604858F	TECH TRANSITION PROGRAM .....	840,650	935,650
		UFR: Directed Energy Prototyping .....		[70,000]
		UFR: Hypersonics Prototyping .....		[10,000]
		UFR: Long-Endurance Aerial Platform Ahead Prototyping .....		[15,000]
47	0605230F	GROUND BASED STRATEGIC DETERRENT .....	215,721	215,721
49	0207110F	NEXT GENERATION AIR DOMINANCE .....	294,746	441,746
		UFR: Penetrating Counter air (PCA) Risk Reduction .....		[147,000]
50	0207455F	THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR) .....	10,645	10,645
52	0305236F	COMMON DATA LINK EXECUTIVE AGENT (CDL EA) .....	41,509	41,509
53	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	226,287	226,287
54	0306415F	ENABLED CYBER ACTIVITIES .....	16,687	16,687
55	0408011F	SPECIAL TACTICS / COMBAT CONTROL .....	4,500	4,500
56	0901410F	CONTRACTING INFORMATION TECHNOLOGY SYSTEM .....	15,867	0
		Consolidate requirements .....		[-15,867]
57	1203164F	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE). .....	253,939	352,439
		UFR: Military GPS User Equipment INC2 .....		[98,500]
58	1203710F	EO/IR WEATHER SYSTEMS .....	10,000	10,000
59	1206422F	WEATHER SYSTEM FOLLOW-ON .....	112,088	112,088
60	1206425F	SPACE SITUATION AWARENESS SYSTEMS .....	34,764	34,764
61	1206434F	MIDTERM POLAR MILSATCOM SYSTEM .....	63,092	63,092
62	1206438F	SPACE CONTROL TECHNOLOGY .....	7,842	128,642
		UFR: Space Defense Force Packaging .....		[113,800]
		UFR: Space Enterprise Defense Implementation .....		[7,000]
63	1206730F	SPACE SECURITY AND DEFENSE PROGRAM .....	41,385	41,385
64	1206760F	PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) .....	18,150	18,150
65	1206761F	PROTECTED TACTICAL SERVICE (PTS) .....	24,201	24,201
66	1206855F	PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED .....	16,000	16,000
67	1206857F	OPERATIONALLY RESPONSIVE SPACE .....	87,577	87,577
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>	<b>4,605,030</b>	<b>5,110,763</b>
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
68	0604200F	FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS .....	5,100	5,100
69	0604201F	INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....	101,203	101,203
70	0604222F	NUCLEAR WEAPONS SUPPORT .....	3,009	3,009
71	0604270F	ELECTRONIC WAREFARE DEVELOPMENT .....	2,241	2,241
72	0604281F	TACTICAL DATA NETWORKS ENTERPRISE .....	38,250	38,250
73	0604287F	PHYSICAL SECURITY EQUIPMENT .....	19,739	19,739
74	0604329F	SMALL DIAMETER BOMB (SDB)—EMD .....	38,979	38,979
78	0604429F	AIRBORNE ELECTRONIC ATTACK .....	7,091	7,091
80	0604602F	ARMAMENT/ORDNANCE DEVELOPMENT .....	46,540	46,540
81	0604604F	SUBMUNITIONS .....	2,705	2,705
82	0604617F	AGILE COMBAT SUPPORT .....	31,240	31,240
84	0604706F	LIFE SUPPORT SYSTEMS .....	9,060	9,060
85	0604735F	COMBAT TRAINING RANGES .....	87,350	87,350
86	0604800F	F-35—EMD .....	292,947	464,947
		SDD plus up .....		[172,000]
88	0604932F	LONG RANGE STANDOFF WEAPON .....	451,290	451,290
89	0604933F	ICBM FUZE MODERNIZATION .....	178,991	178,991
90	0605030F	JOINT TACTICAL NETWORK CENTER (JTNC) .....	12,736	12,736
91	0605031F	JOINT TACTICAL NETWORK (JTN) .....	9,319	9,319
92	0605213F	F-22 MODERNIZATION INCREMENT 3.2B .....	13,600	13,600
94	0605221F	KC-46 .....	93,845	93,845
95	0605223F	ADVANCED PILOT TRAINING .....	105,999	105,999
96	0605229F	COMBAT RESCUE HELICOPTER .....	354,485	354,485
100	0605458F	AIR & SPACE OPS CENTER 10.2 RDT&E .....	119,745	14,945
		Restructure of program .....		[-104,800]
101	0605931F	B-2 DEFENSIVE MANAGEMENT SYSTEM .....	194,570	194,570
102	0101125F	NUCLEAR WEAPONS MODERNIZATION .....	91,237	91,237
103	0207171F	F-15 EPAWSS .....	209,847	209,847
104	0207328F	STAND IN ATTACK WEAPON .....	3,400	3,400
105	0207701F	FULL COMBAT MISSION TRAINING .....	16,727	16,727
109	0307581F	JSTARS RECAP .....	417,201	417,201
110	0401310F	C-32 EXECUTIVE TRANSPORT RECAPITALIZATION .....	6,017	6,017
111	0401319F	PRESIDENTIAL AIRCRAFT RECAPITALIZATION (PAR) .....	434,069	434,069
112	0701212F	AUTOMATED TEST SYSTEMS .....	18,528	18,528
113	1203176F	COMBAT SURVIVOR EVADER LOCATOR .....	24,967	24,967
114	1203940F	SPACE SITUATION AWARENESS OPERATIONS .....	10,029	10,029
115	1206421F	COUNTERSPACE SYSTEMS .....	66,370	66,370
116	1206425F	SPACE SITUATION AWARENESS SYSTEMS .....	48,448	48,448
117	1206426F	SPACE FENCE .....	35,937	62,837
		UFR: Space Fence Site 1 & Ground Based Operational Surveillance System. .....		[26,900]
118	1206431F	ADVANCED EHF MILSATCOM (SPACE) .....	145,610	145,610
119	1206432F	POLAR MILSATCOM (SPACE) .....	33,644	33,644
120	1206433F	WIDEBAND GLOBAL SATCOM (SPACE) .....	14,263	51,263
		UFR: Fix wideband Ka Anti-jam Enhancement (KAJE) .....		[37,000]

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Line	Program Element	Item	FY 2018 Request	Senate Authorized
121	1206441F	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD .....	311,844	324,644
		UFR: Fir upgrades Space Based Infrared System .....		[12,800]
122	1206442F	EVOLVED SBIRS .....	71,018	71,018
123	1206853F	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—EMD.	297,572	297,572
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>4,476,762</b>	<b>4,620,662</b>
		<b>MANAGEMENT SUPPORT</b>		
124	0604256F	THREAT SIMULATOR DEVELOPMENT .....	35,405	35,405
125	0604759F	MAJOR T&E INVESTMENT .....	82,874	102,874
		Advanced weapons system testing capabilities .....		[15,000]
		UFR: Weapon System Cyber Resiliency-TE .....		[5,000]
126	0605101F	RAND PROJECT AIR FORCE .....	34,346	34,346
128	0605712F	INITIAL OPERATIONAL TEST & EVALUATION .....	15,523	15,523
129	0605807F	TEST AND EVALUATION SUPPORT .....	678,289	705,689
		UFR: 4th Gen Mods .....		[23,000]
		UFR: Weapon System Cyber Resiliency-TE .....		[4,400]
130	0605826F	ACQ WORKFORCE- GLOBAL POWER .....	219,809	219,809
131	0605827F	ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS .....	223,179	223,179
132	0605828F	ACQ WORKFORCE- GLOBAL REACH .....	138,556	138,556
133	0605829F	ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS .....	221,393	221,393
134	0605830F	ACQ WORKFORCE- GLOBAL BATTLE MGMT .....	152,577	152,577
135	0605831F	ACQ WORKFORCE- CAPABILITY INTEGRATION .....	196,561	196,561
136	0605832F	ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY .....	28,322	28,322
137	0605833F	ACQ WORKFORCE- NUCLEAR SYSTEMS .....	126,611	126,611
140	0605898F	MANAGEMENT HQ—R&D .....	9,154	9,154
141	0605976F	FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT.	135,507	135,507
142	0605978F	FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT	28,720	28,720
143	0606017F	REQUIREMENTS ANALYSIS AND MATURATION .....	35,453	135,453
		UFR: Modeling and Simulation Joint Simulation Environment .....		[70,000]
		UFR:AS2030 Planning for Development .....		[30,000]
146	0308602F	ENTEPRISE INFORMATION SERVICES (EIS) .....	29,049	29,049
147	0702806F	ACQUISITION AND MANAGEMENT SUPPORT .....	14,980	14,980
148	0804731F	GENERAL SKILL TRAINING .....	1,434	1,434
150	1001004F	INTERNATIONAL ACTIVITIES .....	4,569	4,569
151	1206116F	SPACE TEST AND TRAINING RANGE DEVELOPMENT .....	25,773	25,773
152	1206392F	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE .....	169,887	169,887
153	1206398F	SPACE & MISSILE SYSTEMS CENTER—MHA .....	9,531	9,531
154	1206860F	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) .....	20,975	34,275
		UFR: Rocket System Launch Program (RSLP) .....		[13,300]
155	1206864F	SPACE TEST PROGRAM (STP) .....	25,398	25,398
		<b>SUBTOTAL MANAGEMENT SUPPORT</b>	<b>2,663,875</b>	<b>2,824,575</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
157	0604222F	NUCLEAR WEAPONS SUPPORT .....	27,579	27,579
158	0604233F	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING .....	5,776	5,776
159	0604445F	WIDE AREA SURVEILLANCE .....	16,247	16,247
161	0605018F	AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) .....	21,915	0
		Consolidate requirements .....		[-21,915]
162	0605024F	ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY .....	33,150	33,150
163	0605117F	FOREIGN MATERIEL ACQUISITION AND EXPLOITATION .....	66,653	66,653
164	0605278F	HC/MC—130 RECAP RDT&E .....	38,579	38,579
165	0606018F	NC3 INTEGRATION .....	12,636	12,636
166	0101113F	B-52 SQUADRONS .....	111,910	111,910
167	0101122F	AIR-LAUNCHED CRUISE MISSILE (ALCM) .....	463	463
168	0101126F	B-1B SQUADRONS .....	62,471	62,471
169	0101127F	B-2 SQUADRONS .....	193,108	193,108
170	0101213F	MINUTEMAN SQUADRONS .....	210,845	210,845
		Requested transfer: Ground and Comms Equipment .....		[-20,000]
		Requested transfer: ICBM Cryptography Upgrade II .....		[20,000]
171	0101313F	INTEGRATED STRATEGIC PLANNING AND ANALYSIS NETWORK (ISPAN)—USSTRATCOM.	25,736	25,736
173	0101316F	WORLDWIDE JOINT STRATEGIC COMMUNICATIONS .....	6,272	10,272
		UFR: NC3—Global Assured Communications CBA Execution .....		[4,000]
174	0101324F	INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK .....	11,032	11,032
176	0102110F	UH-1N REPLACEMENT PROGRAM .....	108,617	108,617
177	0102326F	REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION PROGRAM.	3,347	3,347
179	0205219F	MQ-9 UAV .....	201,394	201,394
182	0207131F	A-10 SQUADRONS .....	17,459	17,459
183	0207133F	F-16 SQUADRONS .....	246,578	271,578
		UFR: F-16 MIDS-JTRS .....		[25,000]
184	0207134F	F-15E SQUADRONS .....	320,271	320,271
185	0207136F	MANNED DESTRUCTIVE SUPPRESSION .....	15,106	15,106
186	0207138F	F-22A SQUADRONS .....	610,942	610,942
187	0207142F	F-35 SQUADRONS .....	334,530	334,530

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Line	Program Element	Item	FY 2018 Request	Senate Authorized
188	0207161F	TACTICAL AIM MISSILES .....	34,952	54,952
		Pulsed rocket motor technologies .....		[20,000]
189	0207163F	ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....	61,322	61,322
191	0207227F	COMBAT RESCUE—PARARESCUE .....	693	693
193	0207249F	PRECISION ATTACK SYSTEMS PROCUREMENT .....	1,714	1,714
194	0207253F	COMPASS CALL .....	14,040	34,240
		UFR: Baseline 3 (BL3) Advanced Radar Countermeasure System .....		[20,200]
195	0207268F	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....	109,243	109,243
197	0207325F	JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) .....	29,932	29,932
198	0207410F	AIR & SPACE OPERATIONS CENTER (AOC) .....	26,956	26,956
199	0207412F	CONTROL AND REPORTING CENTER (CRC) .....	2,450	2,450
200	0207417F	AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) .....	151,726	151,726
201	0207418F	TACTICAL AIRBORNE CONTROL SYSTEMS .....	3,656	3,656
203	0207431F	COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES .....	13,420	13,420
204	0207444F	TACTICAL AIR CONTROL PARTY-MOD .....	10,623	10,623
205	0207448F	C2ISR TACTICAL DATA LINK .....	1,754	1,754
206	0207452F	DCAPES .....	17,382	17,382
207	0207573F	NATIONAL TECHNICAL NUCLEAR FORENSICS .....	2,307	2,307
208	0207590F	SEEK EAGLE .....	25,397	25,397
209	0207601F	USAF MODELING AND SIMULATION .....	10,175	10,175
210	0207605F	WARGAMING AND SIMULATION CENTERS .....	12,839	12,839
211	0207697F	DISTRIBUTED TRAINING AND EXERCISES .....	4,190	4,190
212	0208006F	MISSION PLANNING SYSTEMS .....	85,531	85,531
213	0208007F	TACTICAL DECEPTION .....	3,761	3,761
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS .....	35,693	35,693
215	0208088F	AF DEFENSIVE CYBERSPACE OPERATIONS .....	20,964	20,964
218	0301017F	GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....	3,549	3,549
219	0301112F	NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES) .....	4,371	4,371
227	0301401F	AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR BATTLESPACE AWARENESS .....	3,721	3,721
228	0302015F	E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) .....	35,467	35,467
230	0303131F	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NET- WORK (MEECN) .....	48,841	48,841
		Requested transfer: Global ASNT Iner 2 and CVR .....		[-21,100]
		Requested transfer: Global ASNT Increment 1 .....		[21,100]
231	0303140F	INFORMATION SYSTEMS SECURITY PROGRAM .....	42,973	42,973
232	0303141F	GLOBAL COMBAT SUPPORT SYSTEM .....	105	105
233	0303142F	GLOBAL FORCE MANAGEMENT—DATA INITIATIVE .....	2,147	2,147
236	0304260F	AIRBORNE SIGINT ENTERPRISE .....	121,948	121,948
237	0304310F	COMMERCIAL ECONOMIC ANALYSIS .....	3,544	3,544
240	0305020F	CCMD INTELLIGENCE INFORMATION TECHNOLOGY .....	1,542	1,542
241	0305099F	GLOBAL AIR TRAFFIC MANAGEMENT (GATM) .....	4,453	4,453
243	0305111F	WEATHER SERVICE .....	26,654	26,654
244	0305114F	AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATCALs) .....	6,306	6,306
245	0305116F	AERIAL TARGETS .....	21,295	21,295
248	0305128F	SECURITY AND INVESTIGATIVE ACTIVITIES .....	415	415
250	0305146F	DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES .....	3,867	3,867
257	0305202F	DRAGON U-2 .....	34,486	34,486
259	0305206F	AIRBORNE RECONNAISSANCE SYSTEMS .....	4,450	4,450
260	0305207F	MANNED RECONNAISSANCE SYSTEMS .....	14,269	14,269
261	0305208F	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	27,501	27,501
262	0305220F	RQ-4 UAV .....	214,849	214,849
263	0305221F	NETWORK-CENTRIC COLLABORATIVE TARGETING .....	18,842	18,842
265	0305238F	NATO AGS .....	44,729	44,729
266	0305240F	SUPPORT TO DCGS ENTERPRISE .....	26,349	26,349
269	0305600F	INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITEC- TURES .....	3,491	3,491
271	0305881F	RAPID CYBER ACQUISITION .....	4,899	4,899
275	0305984F	PERSONNEL RECOVERY COMMAND & CTRL (PRC2) .....	2,445	2,445
276	0307577F	INTELLIGENCE MISSION DATA (IMD) .....	8,684	8,684
278	0401115F	C-130 AIRLIFT SQUADRON .....	10,219	10,219
279	0401119F	C-5 AIRLIFT SQUADRONS (IF) .....	22,758	22,758
280	0401130F	C-17 AIRCRAFT (IF) .....	34,287	34,287
281	0401132F	C-130J PROGRAM .....	26,821	20,421
		Available prior year funds .....		[-6,400]
282	0401134F	LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM) .....	5,283	5,283
283	0401218F	KC-135S .....	9,942	9,942
284	0401219F	KC-10S .....	7,933	7,933
285	0401314F	OPERATIONAL SUPPORT AIRLIFT .....	6,681	6,681
286	0401318F	CV-22 .....	22,519	36,519
		UFR: CV-22 Aircraft Survivability and Availability .....		[7,000]
		UFR: CV-22 Integrated Modula Avionics .....		[7,000]
287	0401840F	AMC COMMAND AND CONTROL SYSTEM .....	3,510	3,510
288	0408011F	SPECIAL TACTICS / COMBAT CONTROL .....	8,090	8,090
289	0702207F	DEPOT MAINTENANCE (NON-IF) .....	1,528	1,528
290	0708055F	MAINTENANCE, REPAIR & OVERHAUL SYSTEM .....	31,677	31,677
291	0708610F	LOGISTICS INFORMATION TECHNOLOGY (LOGIT) .....	33,344	33,344

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<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
292	0708611F	SUPPORT SYSTEMS DEVELOPMENT .....	9,362	9,362
293	0804743F	OTHER FLIGHT TRAINING .....	2,074	2,074
294	0808716F	OTHER PERSONNEL ACTIVITIES .....	107	107
295	0901202F	JOINT PERSONNEL RECOVERY AGENCY .....	2,006	2,006
296	0901218F	CIVILIAN COMPENSATION PROGRAM .....	3,780	3,780
297	0901220F	PERSONNEL ADMINISTRATION .....	7,472	7,472
298	0901226F	AIR FORCE STUDIES AND ANALYSIS AGENCY .....	1,563	1,563
299	0901538F	FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT.	91,211	91,211
300	1201921F	SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES .....	14,255	14,255
301	1202247F	AF TENCAP .....	31,914	31,914
302	1203001F	FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) .....	32,426	32,426
303	1203110F	SATELLITE CONTROL NETWORK (SPACE) .....	18,808	18,808
305	1203165F	NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).	10,029	10,029
306	1203173F	SPACE AND MISSILE TEST AND EVALUATION CENTER .....	25,051	65,051
		UFR: Space Enterprise Defense Implementation .....		[40,000]
307	1203174F	SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.	11,390	11,390
308	1203179F	INTEGRATED BROADCAST SERVICE (IBS) .....	8,747	8,747
309	1203182F	SPACELIFT RANGE SYSTEM (SPACE) .....	10,549	10,549
310	1203265F	GPS III SPACE SEGMENT .....	243,435	283,735
		UFR: GPS satellite simulator (GSS) .....		[40,300]
311	1203400F	SPACE SUPERIORITY INTELLIGENCE .....	12,691	12,691
312	1203614F	JSPOC MISSION SYSTEM .....	99,455	147,955
		UFR: Space Enterprise Defense Implementation .....		[48,500]
313	1203620F	NATIONAL SPACE DEFENSE CENTER .....	18,052	86,052
		UFR: Fix Enterprise Space BMC2 .....		[68,000]
314	1203699F	SHARED EARLY WARNING (SEW) .....	1,373	1,373
315	1203906F	NCMC—TWALA SYSTEM .....	5,000	5,000
316	1203913F	NUDET DETECTION SYSTEM (SPACE) .....	31,508	31,508
317	1203940F	SPACE SITUATION AWARENESS OPERATIONS .....	99,984	140,784
		UFR: Space Fence Site 1 & Ground Based Operational Surveillance System.		[40,800]
318	1206423F	GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.	510,938	510,938
320	9999999999	CLASSIFIED PROGRAMS .....	14,938,002	14,974,002
		Program increase .....		[36,000]
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>	<b>20,585,302</b>	<b>20,913,787</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF ...</b>	<b>34,914,359</b>	<b>36,138,677</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>		
		<b>BASIC RESEARCH</b>		
1	0601000BR	DTRA BASIC RESEARCH .....	37,201	37,201
2	0601101E	DEFENSE RESEARCH SCIENCES .....	432,347	432,347
3	0601110D8Z	BASIC RESEARCH INITIATIVES .....	40,612	40,612
4	0601117E	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE .....	43,126	43,126
5	0601120D8Z	NATIONAL DEFENSE EDUCATION PROGRAM .....	74,298	99,298
		Evidence based military child STEM education .....		[5,000]
		Manufacturing Engineering Education Program .....		[20,000]
6	0601228D8Z	HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.	25,865	27,865
		STEM support for minority women .....		[2,000]
7	0601384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	43,898	43,898
		<b>SUBTOTAL BASIC RESEARCH .....</b>	<b>697,347</b>	<b>724,347</b>
		<b>APPLIED RESEARCH</b>		
8	0602000D8Z	JOINT MUNITIONS TECHNOLOGY .....	19,111	19,111
9	0602115E	BIOMEDICAL TECHNOLOGY .....	109,360	109,360
11	0602234D8Z	LINCOLN LABORATORY RESEARCH PROGRAM .....	49,748	49,748
12	0602251D8Z	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.	49,226	49,226
13	0602303E	INFORMATION & COMMUNICATIONS TECHNOLOGY .....	392,784	392,784
14	0602383E	BIOLOGICAL WARFARE DEFENSE .....	13,014	13,014
15	0602384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	201,053	201,053
16	0602668D8Z	CYBER SECURITY RESEARCH .....	14,775	14,775
17	0602702E	TACTICAL TECHNOLOGY .....	343,776	328,776
		General decrease .....		[-15,000]
18	0602715E	MATERIALS AND BIOLOGICAL TECHNOLOGY .....	224,440	224,440
19	0602716E	ELECTRONICS TECHNOLOGY .....	295,447	285,447
		Unjustified growth .....		[-10,000]
20	0602718BR	COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.	157,908	157,908
21	0602751D8Z	SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.	8,955	8,955
22	1160401BB	SOF TECHNOLOGY DEVELOPMENT .....	34,493	34,493
		<b>SUBTOTAL APPLIED RESEARCH .....</b>	<b>1,914,090</b>	<b>1,889,090</b>

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<b>ADVANCED TECHNOLOGY DEVELOPMENT</b>				
23	0603000D8Z	JOINT MUNITIONS ADVANCED TECHNOLOGY .....	25,627	25,627
24	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	76,230	76,230
25	0603133D8Z	FOREIGN COMPARATIVE TESTING .....	24,199	24,199
26	0603160BR	COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT.	268,607	268,607
27	0603176C	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT .....	12,996	12,996
29	0603178C	WEAPONS TECHNOLOGY .....	5,495	5,495
31	0603180C	ADVANCED RESEARCH .....	20,184	20,184
32	0603225D8Z	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT .....	18,662	18,662
35	0603286E	ADVANCED AEROSPACE SYSTEMS .....	155,406	155,406
36	0603287E	SPACE PROGRAMS AND TECHNOLOGY .....	247,435	247,435
37	0603288D8Z	ANALYTIC ASSESSMENTS .....	13,154	8,154
		<i>General decrease</i> .....		[-5,000]
38	0603289D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS .....	37,674	37,674
39	0603291D8Z	ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA .....	15,000	15,000
40	0603294C	COMMON KILL VEHICLE TECHNOLOGY .....	252,879	252,879
41	0603342D8W	DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX) .....	29,594	29,594
42	0603375D8Z	TECHNOLOGY INNOVATION .....	59,863	59,863
43	0603384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.	145,359	145,359
44	0603527D8Z	RETRACT LARCH .....	171,120	171,120
45	0603618D8Z	JOINT ELECTRONIC ADVANCED TECHNOLOGY .....	14,389	14,389
46	0603648D8Z	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS .....	105,871	105,871
47	0603662D8Z	NETWORKED COMMUNICATIONS CAPABILITIES .....	12,661	12,661
48	0603680D8Z	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.	136,159	191,159
		<i>Improve productivity of defense industrial base</i> .....		[20,000]
		<i>Partnership between MEP centers and Manufacturing USA Institutes</i> .....		[15,000]
		<i>Manufacturing USA institutes</i> .....		[20,000]
49	0603680S	MANUFACTURING TECHNOLOGY PROGRAM .....	40,511	40,511
50	0603699D8Z	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT .....	57,876	57,876
51	0603712S	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS .....	10,611	10,611
53	0603716D8Z	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM .....	71,832	81,832
		<i>Readiness increase</i> .....		[10,000]
54	0603720S	MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.	219,803	299,803
		<i>Supply chain assurance</i> .....		[80,000]
55	0603727D8Z	JOINT WARFIGHTING PROGRAM .....	6,349	6,349
56	0603739E	ADVANCED ELECTRONICS TECHNOLOGIES .....	79,173	79,173
57	0603760E	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS .....	106,787	106,787
58	0603766E	NETWORK-CENTRIC WARFARE TECHNOLOGY .....	439,386	439,386
59	0603767E	SENSOR TECHNOLOGY .....	210,123	210,123
60	0603769D8Z	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.	11,211	11,211
62	0603781D8Z	SOFTWARE ENGINEERING INSTITUTE .....	15,047	15,047
63	0603826D8Z	QUICK REACTION SPECIAL PROJECTS .....	69,203	69,203
64	0603833D8Z	ENGINEERING SCIENCE & TECHNOLOGY .....	25,395	25,395
65	0603941D8Z	TEST & EVALUATION SCIENCE & TECHNOLOGY .....	89,586	89,586
66	0604055D8Z	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT .....	38,403	48,403
		<i>Readiness increase</i> .....		[10,000]
67	0303310D8Z	CWMD SYSTEMS .....	33,382	33,382
68	1160402BB	SOF ADVANCED TECHNOLOGY DEVELOPMENT .....	72,605	72,605
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b> ...	<b>3,445,847</b>	<b>3,595,847</b>
<b>ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES</b>				
69	0603161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E ADC&P.	32,937	32,937
70	0603600D8Z	WALKOFF .....	101,714	101,714
72	0603821D8Z	ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES ...	2,198	2,198
73	0603851D8Z	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM.	54,583	64,583
		<i>Readiness increase</i> .....		[10,000]
74	0603881C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT ..	230,162	230,162
75	0603882C	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT UPR: Discrimination .....	828,097	850,093
				[21,996]
76	0603884BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL ....	148,518	148,518
77	0603884C	BALLISTIC MISSILE DEFENSE SENSORS .....	247,345	305,207
		UPR: Discrimination .....		[37,862]
78	0603890C	BMD ENABLING PROGRAMS .....	449,442	478,886
		UPR: Discrimination .....		[23,342]
		UPR: High Fidelity Modeling and Simulation .....		[6,102]
79	0603891C	SPECIAL PROGRAMS—MDA .....	320,190	320,190
80	0603892C	AEGIS BMD .....	852,052	852,052
83	0603896C	BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BATTLE MANAGEMENT AND COMMUNICATI.	430,115	430,115

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84	0603898C	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT ...	48,954	48,954
85	0603904C	MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER (MDIOC).	53,265	53,265
86	0603906C	REGARDING TRENCH .....	9,113	9,113
87	0603907C	SEA BASED X-BAND RADAR (SBX) .....	130,695	130,695
88	0603913C	ISRAELI COOPERATIVE PROGRAMS .....	105,354	373,804
		Arrow .....		[71,460]
		Arrow Upper Tier flight test .....		[105,000]
		Arrow-Upper Tier .....		[28,140]
		David's Sling .....		[63,850]
89	0603914C	BALLISTIC MISSILE DEFENSE TEST .....	305,791	305,791
90	0603915C	BALLISTIC MISSILE DEFENSE TARGETS .....	410,425	410,425
91	0603920D8Z	HUMANITARIAN DEMINING .....	10,837	10,837
92	0603923D8Z	COALITION WARFARE .....	10,740	10,740
93	0604016D8Z	DEPARTMENT OF DEFENSE CORROSION PROGRAM .....	3,837	13,837
		DOD Corrosion Program .....		[10,000]
94	0604115C	TECHNOLOGY MATURATION INITIATIVES .....	128,406	128,406
95	0604132D8Z	MISSILE DEFEAT PROJECT .....	98,369	98,369
96	0604181C	HYPERSONIC DEFENSE .....	75,300	75,300
97	0604250D8Z	ADVANCED INNOVATIVE TECHNOLOGIES .....	1,175,832	1,175,832
98	0604294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	83,626	83,626
99	0604331D8Z	RAPID PROTOTYPING PROGRAM .....	100,000	100,000
100	0604342D8Z	DEFENSE TECHNOLOGY OFFSET .....	0	200,000
		Directed energy .....		[200,000]
101	0604400D8Z	DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COMMON DEVELOPMENT.	3,967	3,967
102	0604682D8Z	WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA) .....	3,833	3,833
104	0604826J	JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND INTEROPERABILITY ASSESSMENTS.	23,638	23,638
105	0604873C	LONG RANGE DISCRIMINATION RADAR (LRDR) .....	357,659	357,659
106	0604874C	IMPROVED HOMELAND DEFENSE INTERCEPTORS .....	465,530	545,530
		UFR: C3 Booster Development .....		[80,000]
107	0604876C	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT TEST.	36,239	36,239
108	0604878C	AEGIS BMD TEST .....	134,468	160,819
		UFR: Anti-Air Warfare Capability .....		[26,351]
109	0604879C	BALLISTIC MISSILE DEFENSE SENSOR TEST .....	84,239	84,239
110	0604880C	LAND-BASED SM-3 (LBSM3) .....	30,486	97,761
		UFR: Anti-Air Warfare Capability .....		[67,275]
111	0604881C	AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT .....	9,739	9,739
112	0604887C	BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST .....	76,757	76,757
113	0604894C	MULTI-OBJECT KILL VEHICLE .....	6,500	6,500
114	0303191D8Z	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM .....	2,902	2,902
115	0305103C	CYBER SECURITY INITIATIVE .....	986	986
116	1206893C	SPACE TRACKING & SURVEILLANCE SYSTEM .....	34,907	34,907
117	1206895C	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS .....	16,994	44,494
		UFR: Space Based Sensor .....		[27,500]
262	888888	GROUND-LAUNCHED INTERMEDIATE RANGE MISSILE .....	0	65,000
		Ground-Launched Intermediate Range Missile .....		[65,000]
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES.</b>	<b>7,736,741</b>	<b>8,600,619</b>
		<b>SYSTEM DEVELOPMENT AND DEMONSTRATION</b>		
118	0604161D8Z	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.	12,536	12,536
119	0604165D8Z	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT .....	201,749	201,749
120	0604384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD .....	406,789	406,789
122	0604771D8Z	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	15,358	15,358
123	0605000BR	COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.	6,241	6,241
124	0605013BL	INFORMATION TECHNOLOGY DEVELOPMENT .....	12,322	12,322
125	0605021SE	HOMELAND PERSONNEL SECURITY INITIATIVE .....	4,893	4,893
126	0605022D8Z	DEFENSE EXPORTABILITY PROGRAM .....	3,162	3,162
127	0605027D8Z	OUSD(C) IT DEVELOPMENT INITIATIVES .....	21,353	19,353
		Find COTS solution .....		[-2,000]
128	0605070S	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.	6,266	6,266
129	0605075D8Z	DCMO POLICY AND INTEGRATION .....	2,810	2,810
130	0605080S	DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM .....	24,436	24,436
131	0605090S	DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS)	13,475	13,475
133	0605210D8Z	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES .....	11,870	0
		Consolidate requirements .....		[-11,870]
134	0605294D8Z	TRUSTED & ASSURED MICROELECTRONICS .....	61,084	61,084
135	0303141K	GLOBAL COMBAT SUPPORT SYSTEM .....	2,576	2,576
136	0305304D8Z	DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEM).	3,669	3,669
137	0305310D8Z	CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.	8,230	8,230

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
<b>SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.</b>			<b>818,819</b>	<b>804,949</b>
<b>MANAGEMENT SUPPORT</b>				
138	0604774D8Z	DEFENSE READINESS REPORTING SYSTEM (DRRS) .....	6,941	6,941
139	0604875D8Z	JOINT SYSTEMS ARCHITECTURE DEVELOPMENT .....	4,851	4,851
140	0604940D8Z	CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP) .....	211,325	211,325
141	0604942D8Z	ASSESSMENTS AND EVALUATIONS .....	30,144	130,144
		Classified assessment .....		[100,000]
142	0605001E	MISSION SUPPORT .....	63,769	63,769
143	0605100D8Z	JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETS) .....	91,057	91,057
144	0605104D8Z	TECHNICAL STUDIES, SUPPORT AND ANALYSIS .....	22,386	22,386
145	0605126J	JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JLAMO) .....	36,581	36,581
147	0605142D8Z	SYSTEMS ENGINEERING .....	37,622	37,622
148	0605151D8Z	STUDIES AND ANALYSIS SUPPORT—OSD .....	5,200	5,200
149	0605161D8Z	NUCLEAR MATTERS-PHYSICAL SECURITY .....	5,232	5,232
150	0605170D8Z	SUPPORT TO NETWORKS AND INFORMATION INTEGRATION .....	12,583	12,583
151	0605200D8Z	GENERAL SUPPORT TO USD (INTELLIGENCE) .....	31,451	31,451
152	0605384BP	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....	104,348	104,348
161	0605790D8Z	SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER .....	2,372	2,372
162	0605798D8Z	DEFENSE TECHNOLOGY ANALYSIS .....	24,365	24,365
163	0605801KA	DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....	54,145	54,145
164	0605803SE	R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION .....	30,356	30,356
165	0605804D8Z	DEVELOPMENT TEST AND EVALUATION .....	20,571	25,571
		Software testing capabilities .....		[5,000]
166	0605898E	MANAGEMENT HQ—R&D .....	14,017	14,017
167	0605998KA	MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....	4,187	4,187
168	0606100D8Z	BUDGET AND PROGRAM ASSESSMENTS .....	3,992	3,992
169	0606225D8Z	ODNA TECHNOLOGY AND RESOURCE ANALYSIS .....	1,000	1,000
170	0203345D8Z	DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI) .....	2,551	2,551
171	0204571J	JOINT STAFF ANALYTICAL SUPPORT .....	7,712	7,712
174	0303166J	SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES .....	673	673
175	0303260D8Z	DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO) .....	1,006	1,006
177	0305172K	COMBINED ADVANCED APPLICATIONS .....	16,998	16,998
180	0305245D8Z	INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS .....	18,992	18,992
181	0306310D8Z	CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT .....	1,231	1,231
183	0804767J	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—MHA .....	44,500	44,500
184	0901598C	MANAGEMENT HQ—MDA .....	29,947	29,947
186	9999999999	CLASSIFIED PROGRAMS .....	63,312	63,312
187	0903235K	JOINT SERVICE PROVIDER (JSP) .....	5,113	5,113
<b>SUBTOTAL MANAGEMENT SUPPORT</b> .....			<b>1,010,530</b>	<b>1,115,530</b>
<b>OPERATIONAL SYSTEM DEVELOPMENT</b>				
188	0604130V	ENTERPRISE SECURITY SYSTEM (ESS) .....	4,565	4,565
189	0605127T	REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA .....	1,871	1,871
190	0605147T	OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS) .....	298	298
191	0607210D8Z	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT .....	10,882	10,882
192	0607310D8Z	CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT .....	7,222	7,222
193	0607327T	GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS) .....	14,450	14,450
194	0607384BP	CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT) .....	45,677	45,677
195	0208043J	PLANNING AND DECISION AID SYSTEM (PDAS) .....	3,037	3,037
196	0208045K	CAI INTEROPERABILITY .....	59,490	59,490
198	0301144K	JOINT/ALLIED COALITION INFORMATION SHARING .....	6,104	6,104
202	0302016K	NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT .....	1,863	1,863
203	0302019K	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION .....	21,564	21,564
204	0303126K	LONG-HAUL COMMUNICATIONS—DCS .....	15,428	15,428
205	0303131K	MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN) .....	15,855	15,855
206	0303135G	PUBLIC KEY INFRASTRUCTURE (PKI) .....	4,811	4,811
207	0303136G	KEY MANAGEMENT INFRASTRUCTURE (KMI) .....	33,746	33,746
208	0303140D8Z	INFORMATION SYSTEMS SECURITY PROGRAM .....	9,415	9,415
209	0303140G	INFORMATION SYSTEMS SECURITY PROGRAM .....	227,652	227,652
210	0303150K	GLOBAL COMMAND AND CONTROL SYSTEM .....	42,687	42,687
211	0303153K	DEFENSE SPECTRUM ORGANIZATION .....	8,750	8,750
214	0303228K	JOINT INFORMATION ENVIRONMENT (JIE) .....	4,689	4,689
216	0303430K	FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY .....	50,000	50,000

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Senate Authorized
222	0305103K	CYBER SECURITY INITIATIVE .....	1,686	1,686
227	0305186D8Z	POLICY R&D PROGRAMS .....	6,526	6,526
228	0305199D8Z	NET CENTRICITY .....	18,455	18,455
230	0305208BB	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	5,496	5,496
233	0305208K	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....	3,049	3,049
236	0305327V	INSIDER THREAT .....	5,365	5,365
237	0305387D8Z	HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM .....	2,071	2,071
243	0307577D8Z	INTELLIGENCE MISSION DATA (IMD) .....	13,111	13,111
245	0708012S	PACIFIC DISASTER CENTERS .....	1,770	1,770
246	0708047S	DEFENSE PROPERTY ACCOUNTABILITY SYSTEM .....	2,924	2,924
248	1105219BB	MQ-9 UAV .....	37,863	50,863
		MQ-9 Capability Enhancement .....		[13,000]
251	1160403BB	AVIATION SYSTEMS .....	259,886	273,386
		SOCOM requested transfer .....		[13,500]
252	1160405BB	INTELLIGENCE SYSTEMS DEVELOPMENT .....	8,245	8,245
253	1160408BB	OPERATIONAL ENHANCEMENTS .....	79,455	95,455
		UFR: Enhanced Precision Strike .....		[16,000]
254	1160431BB	WARRIOR SYSTEMS .....	45,935	45,935
255	1160432BB	SPECIAL PROGRAMS .....	1,978	1,978
256	1160434BB	UNMANNED ISR .....	31,766	31,766
257	1160480BB	SOF TACTICAL VEHICLES .....	2,578	2,578
258	1160483BB	MARITIME SYSTEMS .....	42,315	60,415
		SOCOM requested transfer .....		[12,800]
		UFR: Develop Dry Combat Submersible .....		[5,300]
259	1160489BB	GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....	4,661	4,661
260	1160490BB	OPERATIONAL ENHANCEMENTS INTELLIGENCE .....	12,049	12,049
261	1203610K	TELEPORT PROGRAM .....	642	642
262	999999999	CLASSIFIED PROGRAMS .....	3,689,646	3,689,646
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT .....</b>	<b>4,867,528</b>	<b>4,928,128</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW ..</b>	<b>20,490,902</b>	<b>21,658,510</b>
		<b>OPERATIONAL TEST &amp; EVAL, DEFENSE</b>		
		<b>MANAGEMENT SUPPORT</b>		
1	0605118OTE	OPERATIONAL TEST AND EVALUATION .....	83,503	83,503
2	0605131OTE	LIVE FIRE TEST AND EVALUATION .....	59,500	59,500
3	0605814OTE	OPERATIONAL TEST ACTIVITIES AND ANALYSES .....	67,897	67,897
		<b>SUBTOTAL MANAGEMENT SUPPORT .....</b>	<b>210,900</b>	<b>210,900</b>
		<b>TOTAL OPERATIONAL TEST &amp; EVAL, DEFENSE .....</b>	<b>210,900</b>	<b>210,900</b>
		<b>UNDISTRIBUTED</b>		
		<b>UNDISTRIBUTED</b>		
999	999999	UNDISTRIBUTED .....	0	64,100
		ERI costs transfer from OCO to base .....		[64,100]
		<b>SUBTOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>64,100</b>
		<b>TOTAL UNDISTRIBUTED .....</b>	<b>0</b>	<b>64,100</b>
		<b>TOTAL RDT&amp;E .....</b>	<b>82,716,636</b>	<b>86,032,029</b>

1 **SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
2 **TION FOR OVERSEAS CONTINGENCY OPER-**  
3 **ATIONS.**

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
**FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

Line	Program Element	Item	FY 2018 Request	Senate Authorized
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY</b>		
		<b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO-</b>		
		<b>TYPES</b>		
55	0603327A	AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....	15,000	15,000
60	0603747A	SOLDIER SUPPORT AND SURVIVABILITY .....	3,000	3,000
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp;</b>	<b>18,000</b>	<b>18,000</b>
		<b>PROTOTYPES.</b>		
		<b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>		
122	0605032A	TRACTOR TIRE .....	5,000	5,000
125	0605035A	COMMON INFRARED COUNTERMEASURES (CIRCUM) .....	21,540	21,540

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION  
FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)**

<b>Line</b>	<b>Program Element</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
133	0605051A	AIRCRAFT SURVIVABILITY DEVELOPMENT .....	30,100	30,100
147	0303032A	TROJAN—RH13 .....	1,200	1,200
		<b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>	<b>57,840</b>	<b>57,840</b>
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
203	0203801A	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....	15,000	15,000
222	0305204A	TACTICAL UNMANNED AERIAL VEHICLES .....	7,492	7,492
223	0305206A	AIRBORNE RECONNAISSANCE SYSTEMS .....	15,000	15,000
228	0307665A	BIOMETRICS ENABLED INTELLIGENCE .....	6,036	6,036
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b> .....	<b>43,528</b>	<b>43,528</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>	<b>119,368</b>	<b>119,368</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
41	0603527N	RETRACT LARCH .....	22,000	22,000
81	0604272N	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM) .....	5,710	5,710
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>27,710</b>	<b>27,710</b>
	999999999	CLASSIFIED PROGRAMS .....	89,855	89,855
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
207	0204311N	INTEGRATED SURVEILLANCE SYSTEM .....	11,600	11,600
211	0204574N	CRYPTOLOGIC DIRECT SUPPORT .....	1,200	1,200
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b> .....	<b>102,655</b>	<b>102,655</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>	<b>130,365</b>	<b>130,365</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>		
29	0603438F	SPACE CONTROL TECHNOLOGY .....	7,800	7,800
53	0306250F	CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....	5,400	5,400
		<b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>	<b>13,200</b>	<b>13,200</b>
	999999999	CLASSIFIED PROGRAMS .....	112,408	112,408
		<b>OPERATIONAL SYSTEMS DEVELOPMENT</b>		
196	0207277F	ISR INNOVATIONS .....	5,750	5,750
214	0208087F	AF OFFENSIVE CYBERSPACE OPERATIONS .....	4,000	4,000
		<b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b> .....	<b>122,158</b>	<b>122,158</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF ..</b>	<b>135,358</b>	<b>135,358</b>
		<b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW ADVANCED TECHNOLOGY DEVELOPMENT</b>		
24	0603122D8Z	COMBATING TERRORISM TECHNOLOGY SUPPORT .....	25,000	25,000
		<b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b>	<b>25,000</b>	<b>25,000</b>
	999999999	CLASSIFIED PROGRAMS .....	196,176	196,176
		<b>OPERATIONAL SYSTEM DEVELOPMENT</b>		
253	1160408BB	OPERATIONAL ENHANCEMENTS .....	1,920	1,920
256	1160434BB	UNMANNED ISR .....	3,000	3,000
		<b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT</b> .....	<b>201,096</b>	<b>201,096</b>
		<b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>	<b>226,096</b>	<b>226,096</b>
		<b>UNDISTRIBUTED</b>		
		<b>UNDISTRIBUTED</b>		
999	999999	UNDISTRIBUTED .....		-64,100
		ERI costs transfer from OCO to base .....		[-64,100]
		<b>SUBTOTAL UNDISTRIBUTED</b> .....		<b>-64,100</b>
		<b>TOTAL UNDISTRIBUTED</b> .....		<b>-64,100</b>
		<b>TOTAL RDT&amp;E</b> .....	<b>611,187</b>	<b>547,087</b>

1 **TITLE XLIII—OPERATION AND**  
 2 **MAINTENANCE**

3 **SEC. 4301. OPERATION AND MAINTENANCE.**

<b>SEC. 4301. OPERATION AND MAINTENANCE</b> (In Thousands of Dollars)			
<i>Line</i>	<i>Item</i>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
<b>OPERATION &amp; MAINTENANCE, ARMY</b>			
<b>OPERATING FORCES</b>			
010	MANEUVER UNITS .....	1,455,366	1,567,545
	UFR: Convert IBCT to ABCT .....		[27,000]
	UFR: Readiness to execute NMS .....		[44,179]
	UFR: Stryker Vehicle training .....		[20,000]
	UFR: Support 16th ABCT .....		[21,000]
020	MODULAR SUPPORT BRIGADES .....	105,147	118,020
	UFR: Readiness to execute NMS .....		[12,873]
030	ECHELONS ABOVE BRIGADE .....	604,117	751,335
	UFR: NETCOM HQ .....		[13]
	UFR: Readiness to execute NMS .....		[147,205]
040	THEATER LEVEL ASSETS .....	793,217	836,222
	UFR: 3% increase to Decisive Action training .....		[5,244]
	UFR: Readiness to execute NMS .....		[28,327]
	UFR: Support Equipment .....		[9,434]
050	LAND FORCES OPERATIONS SUPPORT .....	1,169,478	1,169,478
060	AVLATION ASSETS .....	1,496,503	1,496,503
070	FORCE READINESS OPERATIONS SUPPORT .....	3,675,901	3,725,401
	UFR: Funding to support 6k additional endstrength .....		[680]
	UFR: Organizational Clothing & Indiv. Equipment maintenance .....		[44,215]
	UFR: Support Equipment .....		[4,605]
080	LAND FORCES SYSTEMS READINESS .....	466,720	471,592
	UFR: Medical equipment .....		[4,872]
090	LAND FORCES DEPOT MAINTENANCE .....	1,443,516	1,521,185
	UFR: Depot Maintenance .....		[77,669]
100	BASE OPERATIONS SUPPORT .....	8,080,357	8,171,076
	UFR: Engineering Services .....		[36,949]
	UFR: IT Services NEC C4IM .....		[22,000]
	UFR: Support 6k additional endstrength .....		[31,770]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION .....	3,401,155	4,002,972
	UFR: Address facility restoration backlog .....		[70,427]
	UFR: FSRM increases .....		[481,210]
	UFR: Support 6k additional endstrength .....		[50,180]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	443,790	443,790
180	US AFRICA COMMAND .....	225,382	225,382
190	US EUROPEAN COMMAND .....	141,352	141,352
200	US SOUTHERN COMMAND .....	190,811	190,811
210	US FORCES KOREA .....	59,578	59,578
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>23,752,390</b>	<b>24,892,242</b>
<b>MOBILIZATION</b>			
220	STRATEGIC MOBILITY .....	346,667	347,791
	UFR: Readiness increase .....		[1,124]
230	ARMY PREPOSITIONED STOCKS .....	422,108	427,346
	UFR: Readiness increase .....		[5,238]
240	INDUSTRIAL PREPAREDNESS .....	7,750	7,750
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>776,525</b>	<b>782,887</b>
<b>TRAINING AND RECRUITING</b>			
250	OFFICER ACQUISITION .....	137,556	137,556
260	RECRUIT TRAINING .....	58,872	60,264
	UFR: Recruit training .....		[1,392]
270	ONE STATION UNIT TRAINING .....	58,035	59,921
	UFR: One Station Unit Training .....		[1,886]
280	SENIOR RESERVE OFFICERS TRAINING CORPS .....	505,089	505,762
	UFR: Supports commissions for increase end strength .....		[673]
290	SPECIALIZED SKILL TRAINING .....	1,015,541	1,030,834
	UFR: Supports increased capacity .....		[15,293]
300	FLIGHT TRAINING .....	1,124,115	1,124,115

**SEC. 4301. OPERATION AND MAINTENANCE**  
**(In Thousands of Dollars)**

<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
310	PROFESSIONAL DEVELOPMENT EDUCATION .....	220,688	220,688
320	TRAINING SUPPORT .....	618,164	621,690
	UFR: Supports increased capacity .....		[1,526]
	UFR: Supports Initial Entry Training .....		[2,000]
330	RECRUITING AND ADVERTISING .....	613,586	624,259
	UFR: Supports increased capacity .....		[10,673]
340	EXAMINING .....	171,223	171,223
350	OFF-DUTY AND VOLUNTARY EDUCATION .....	214,738	215,088
	UFR: Supports increased capacity .....		[350]
360	CIVILIAN EDUCATION AND TRAINING .....	195,099	195,099
370	JUNIOR RESERVE OFFICER TRAINING CORPS .....	176,116	176,116
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>5,108,822</b>	<b>5,142,615</b>
<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>			
390	SERVICEWIDE TRANSPORTATION .....	555,502	652,065
	UFR: Supports transportation equipment .....		[96,563]
400	CENTRAL SUPPLY ACTIVITIES .....	894,208	894,208
410	LOGISTIC SUPPORT ACTIVITIES .....	715,462	715,462
420	AMMUNITION MANAGEMENT .....	446,931	446,931
430	ADMINISTRATION .....	493,616	493,616
440	SERVICEWIDE COMMUNICATIONS .....	2,084,922	2,094,922
	UFR: Army Regional Cyber Centers capabilities .....		[10,000]
450	MANPOWER MANAGEMENT .....	259,588	259,588
460	OTHER PERSONNEL SUPPORT .....	326,387	326,387
470	OTHER SERVICE SUPPORT .....	1,087,602	1,046,202
	UFR: Funds DFAS increases .....		[3,600]
	Under execution .....		[-45,000]
480	ARMY CLAIMS ACTIVITIES .....	210,514	214,014
	UFR: Supports JAG increase needs .....		[3,500]
490	REAL ESTATE MANAGEMENT .....	243,584	256,737
	UFR: Supports engineering services .....		[13,153]
500	FINANCIAL MANAGEMENT AND AUDIT READINESS .....	284,592	284,592
510	INTERNATIONAL MILITARY HEADQUARTERS .....	415,694	415,694
520	MISC. SUPPORT OF OTHER NATIONS .....	46,856	46,856
9999	CLASSIFIED PROGRAMS .....	1,242,222	1,242,222
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>	<b>9,307,680</b>	<b>9,389,496</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY .....</b>	<b>38,945,417</b>	<b>40,207,240</b>
<b>OPERATION &amp; MAINTENANCE, ARMY RES OPERATING FORCES</b>			
010	MODULAR SUPPORT BRIGADES .....	11,461	11,747
	UFR: ARNG Operational Demand Model to 82% .....		[286]
020	ECHELONS ABOVE BRIGADE .....	577,410	593,053
	UFR: ARNG Operational Demand Model to 82% .....		[15,643]
030	THEATER LEVEL ASSETS .....	117,298	122,016
	UFR: Operational Demand Model to 82% .....		[4,718]
040	LAND FORCES OPERATIONS SUPPORT .....	552,016	564,934
	UFR: Operational Demand Model to 82% .....		[12,918]
050	AVIATION ASSETS .....	80,302	81,461
	UFR: Increases aviation contract support .....		[845]
	UFR: Operational Demand Model to 82% .....		[314]
060	FORCE READINESS OPERATIONS SUPPORT .....	399,035	403,635
	UFR: Support additional capacity .....		[4,600]
070	LAND FORCES SYSTEMS READINESS .....	102,687	102,687
080	LAND FORCES DEPOT MAINTENANCE .....	56,016	56,016
090	BASE OPERATIONS SUPPORT .....	599,947	600,497
	UFR: Support 6k additional endstrength .....		[550]
100	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....	273,940	304,690
	UFR: Address facility restoration backlog .....		[4,465]
	UFR: Increased facilities sustainment .....		[26,285]
110	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	22,909	22,909
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>2,793,021</b>	<b>2,863,645</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
120	SERVICEWIDE TRANSPORTATION .....	11,116	11,116
130	ADMINISTRATION .....	17,962	17,962
140	SERVICEWIDE COMMUNICATIONS .....	18,550	20,950
	UFR: Equipment support .....		[2,400]

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*(In Thousands of Dollars)*

<i>Line</i>	<i>Item</i>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
150	MANPOWER MANAGEMENT .....	6,166	6,166
160	RECRUITING AND ADVERTISING .....	60,027	60,027
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>113,821</b>	<b>116,221</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES .....</b>	<b>2,906,842</b>	<b>2,979,866</b>
	<b>OPERATION &amp; MAINTENANCE, ARNG</b>		
	<b>OPERATING FORCES</b>		
010	MANEUVER UNITS .....	777,883	794,862
	UFR: Readiness increase .....		[16,979]
020	MODULAR SUPPORT BRIGADES .....	190,639	190,639
030	ECHELONS ABOVE BRIGADE .....	807,557	820,656
	UFR: Operational Demand Model to 82% .....		[13,099]
040	THEATER LEVEL ASSETS .....	85,476	98,569
	UFR: Operational Demand Model to 82% .....		[13,093]
050	LAND FORCES OPERATIONS SUPPORT .....	36,672	38,897
	UFR: Increased aviation readiness .....		[2,225]
060	AVIATION ASSETS .....	956,381	986,379
	UFR: Aviation readiness for AH64 .....		[24,828]
	UFR: Aviation readiness for TAB .....		[2,040]
	UFR: Aviation readiness for ECAB .....		[3,130]
070	FORCE READINESS OPERATIONS SUPPORT .....	777,756	777,856
	UFR: Supports increased capacity .....		[100]
080	LAND FORCES SYSTEMS READINESS .....	51,506	51,506
090	LAND FORCES DEPOT MAINTENANCE .....	244,942	244,942
100	BASE OPERATIONS SUPPORT .....	1,144,726	1,148,576
	UFR: Support increase end-strength .....		[3,850]
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION .....	781,895	876,734
	UFR: Address facility restoration backlog .....		[20,108]
	UFR: Facilities Sustainment improvement .....		[74,731]
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	999,052	999,292
	UFR: Support increase end-strength .....		[240]
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>6,854,485</b>	<b>7,028,908</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
130	SERVICEWIDE TRANSPORTATION .....	7,703	7,703
140	ADMINISTRATION .....	79,236	79,236
150	SERVICEWIDE COMMUNICATIONS .....	85,160	85,160
160	MANPOWER MANAGEMENT .....	8,654	8,654
170	OTHER PERSONNEL SUPPORT .....	268,839	277,339
	UFR: Behavior Health Specialists .....		[8,500]
180	REAL ESTATE MANAGEMENT .....	3,093	3,093
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>452,685</b>	<b>461,185</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>	<b>7,307,170</b>	<b>7,490,093</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>		
	<b>OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	5,544,165	5,544,165
020	FLEET AIR TRAINING .....	2,075,000	2,075,000
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....	46,801	46,801
040	AIR OPERATIONS AND SAFETY SUPPORT .....	119,624	119,624
050	AIR SYSTEMS SUPPORT .....	552,536	594,536
	UFR: Fund to Max Executable .....		[42,000]
060	AIRCRAFT DEPOT MAINTENANCE .....	1,088,482	1,088,482
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	40,584	40,584
080	AVIATION LOGISTICS .....	723,786	843,786
	UFR: Fund to Max Executable .....		[120,000]
090	MISSION AND OTHER SHIP OPERATIONS .....	4,067,334	4,089,334
	UFR: Combat Logistics Maintenance Funding TAO-187 .....		[22,000]
100	SHIP OPERATIONS SUPPORT & TRAINING .....	977,701	977,701
110	SHIP DEPOT MAINTENANCE .....	7,165,858	7,165,858
120	SHIP DEPOT OPERATIONS SUPPORT .....	2,193,851	2,193,851
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....	1,288,094	1,288,094
150	SPACE SYSTEMS AND SURVEILLANCE .....	206,678	206,678
160	WARFARE TACTICS .....	621,581	622,581
	UFR: Operational range Clearance and Environmental Compli- ance .....		[1,000]
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	370,681	370,681

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<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
180	COMBAT SUPPORT FORCES .....	1,437,966	1,437,966
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....	162,705	162,705
210	COMBATANT COMMANDERS CORE OPERATIONS .....	65,108	65,108
220	COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....	86,892	86,892
230	MILITARY INFORMATION SUPPORT OPERATIONS .....	8,427	8,427
240	CYBERSPACE ACTIVITIES .....	385,212	385,212
260	FLEET BALLISTIC MISSILE .....	1,278,456	1,278,456
280	WEAPONS MAINTENANCE .....	745,680	750,680
	UFR: Munitions wholeness .....		[5,000]
290	OTHER WEAPON SYSTEMS SUPPORT .....	380,016	380,016
300	ENTERPRISE INFORMATION .....	914,428	882,428
	Under execution .....		[-32,000]
310	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	1,905,679	2,447,860
	NHHC Reduction .....		[-29,000]
	UFR: 88% of Facility Sustainment requirements .....		[293,181]
	UFR: FSRM Increases .....		[218,000]
	UFR: MPT&E Management System IT Modernization .....		[60,000]
320	BASE OPERATING SUPPORT .....	4,333,688	4,384,688
	UFR: FSRM Increases .....		[28,000]
	UFR: Operational range Clearance and Environmental Compliance .....		[11,000]
	UFR: Port Operations Service Craft Maintenance .....		[12,000]
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>38,787,013</b>	<b>39,538,194</b>
<b>MOBILIZATION</b>			
330	SHIP PREPOSITIONING AND SURGE .....	417,450	427,450
	UFR: Strategic Sealift .....		[10,000]
360	SHIP ACTIVATIONS/INACTIVATIONS .....	198,341	198,341
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	66,849	66,849
390	COAST GUARD SUPPORT .....	21,870	21,870
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>704,510</b>	<b>714,510</b>
<b>TRAINING AND RECRUITING</b>			
400	OFFICER ACQUISITION .....	143,924	143,924
410	RECRUIT TRAINING .....	8,975	8,975
420	RESERVE OFFICERS TRAINING CORPS .....	144,708	144,708
430	SPECIALIZED SKILL TRAINING .....	812,708	812,708
450	PROFESSIONAL DEVELOPMENT EDUCATION .....	180,448	180,448
460	TRAINING SUPPORT .....	234,596	234,596
470	RECRUITING AND ADVERTISING .....	177,517	177,517
480	OFF-DUTY AND VOLUNTARY EDUCATION .....	103,154	103,154
490	CIVILIAN EDUCATION AND TRAINING .....	72,216	72,216
500	JUNIOR ROTC .....	53,262	53,262
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>1,931,508</b>	<b>1,931,508</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
510	ADMINISTRATION .....	1,135,429	1,135,429
530	CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT .....	149,365	149,365
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	386,749	386,749
590	SERVICEWIDE TRANSPORTATION .....	165,301	165,301
610	PLANNING, ENGINEERING, AND PROGRAM SUPPORT .....	311,616	311,616
620	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	665,580	665,580
660	INVESTIGATIVE AND SECURITY SERVICES .....	659,143	659,143
9999	CLASSIFIED PROGRAMS .....	543,193	543,193
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>4,016,376</b>	<b>4,016,376</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>45,439,407</b>	<b>46,200,588</b>
<b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>			
<b>OPERATING FORCES</b>			
010	OPERATIONAL FORCES .....	967,949	967,949
020	FIELD LOGISTICS .....	1,065,090	1,068,190
	UFR: Long Endurance Small UAS .....		[3,100]
030	DEPOT MAINTENANCE .....	286,635	286,635
040	MARITIME PREPOSITIONING .....	85,577	85,577
050	CYBERSPACE ACTIVITIES .....	181,518	181,518
060	SUSTAINMENT, RESTORATION & MODERNIZATION .....	785,264	829,055
	UFR: Facilities Sustainment to 80% .....		[43,791]
070	BASE OPERATING SUPPORT .....	2,196,252	2,196,252

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<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>5,568,285</b>	<b>5,615,176</b>
	<b>TRAINING AND RECRUITING</b>		
080	RECRUIT TRAINING .....	16,163	16,163
090	OFFICER ACQUISITION .....	1,154	1,154
100	SPECIALIZED SKILL TRAINING .....	100,398	100,398
110	PROFESSIONAL DEVELOPMENT EDUCATION .....	46,474	46,474
120	TRAINING SUPPORT .....	405,039	405,039
130	RECRUITING AND ADVERTISING .....	201,601	201,601
140	OFF-DUTY AND VOLUNTARY EDUCATION .....	32,045	32,045
150	JUNIOR ROTC .....	24,394	24,394
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>827,268</b>	<b>827,268</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
160	SERVICEWIDE TRANSPORTATION .....	28,827	28,827
170	ADMINISTRATION .....	378,683	378,683
190	ACQUISITION AND PROGRAM MANAGEMENT .....	77,684	77,684
9999	CLASSIFIED PROGRAMS .....	52,661	52,661
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>537,855</b>	<b>537,855</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS</b> .....	<b>6,933,408</b>	<b>6,980,299</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY RES OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	596,876	596,876
020	INTERMEDIATE MAINTENANCE .....	5,902	5,902
030	AIRCRAFT DEPOT MAINTENANCE .....	94,861	94,861
040	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	381	381
050	AVIATION LOGISTICS .....	13,822	13,822
060	SHIP OPERATIONS SUPPORT & TRAINING .....	571	571
070	COMBAT COMMUNICATIONS .....	16,718	16,718
080	COMBAT SUPPORT FORCES .....	118,079	118,079
090	CYBERSPACE ACTIVITIES .....	308	308
100	ENTERPRISE INFORMATION .....	28,650	28,650
110	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	86,354	86,354
120	BASE OPERATING SUPPORT .....	103,596	103,596
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>1,066,118</b>	<b>1,066,118</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
130	ADMINISTRATION .....	1,371	1,371
140	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	13,289	13,289
160	ACQUISITION AND PROGRAM MANAGEMENT .....	3,229	3,229
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>17,889</b>	<b>17,889</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES</b> .....	<b>1,084,007</b>	<b>1,084,007</b>
	<b>OPERATION &amp; MAINTENANCE, MC RESERVE OPERATING FORCES</b>		
010	OPERATING FORCES .....	103,468	103,468
020	DEPOT MAINTENANCE .....	18,794	18,794
030	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	32,777	33,854
	UFR: Facilities Sustainment to 80% .....		[1,077]
040	BASE OPERATING SUPPORT .....	111,213	111,213
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>266,252</b>	<b>267,329</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
060	ADMINISTRATION .....	12,585	12,585
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>12,585</b>	<b>12,585</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE</b> .....	<b>278,837</b>	<b>279,914</b>
	<b>OPERATION &amp; MAINTENANCE, AIR FORCE OPERATING FORCES</b>		
010	PRIMARY COMBAT FORCES .....	694,702	707,902
	UFR: NC3 & Other Nuclear Requirements .....		[9,000]
	UFR: PACAF Contingency Response Group .....		[4,200]
020	COMBAT ENHANCEMENT FORCES .....	1,392,326	1,576,426
	Air and Space Operations Center .....		[104,800]
	UFR: Airmen Readiness Training .....		[8,900]

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<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
	UFR: Cyber Requirements .....		[70,400]
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	1,128,640	1,272,940
	UFR: Airmen Readiness Training .....		[93,100]
	UFR: Contract Adversary Air .....		[51,200]
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	2,755,367	2,915,967
	UFR: Airmen Readiness Training .....		[7,100]
	UFR: WSS funded at 89% .....		[153,500]
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION .....	3,292,553	3,292,553
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT ..	6,555,186	6,883,686
	UFR: E-4B Maintenance personnel .....		[1,000]
	UFR: EC-130H Compass Call .....		[20,000]
	UFR: Sustain 3 additional C-37B .....		[11,300]
	UFR: Weapon Systems Sustainment .....		[296,200]
070	FLYING HOUR PROGRAM .....	4,135,330	4,135,330
080	BASE SUPPORT .....	5,985,232	6,984,715
	UFR: Cyber Requirements .....		[152,600]
	UFR: Facility Restoration Modernization .....		[493,883]
	UFR: Funds mission readiness at installations .....		[146,000]
	UFR: Funds Operational Communications and JIE conversion ...		[190,000]
	UFR: PACAF Contingency Response Group .....		[6,700]
	UFR: Transient Alert Contracts .....		[10,300]
090	GLOBAL C3I AND EARLY WARNING .....	847,516	932,216
	UFR: Cyber Requirements .....		[10,700]
	UFR: NC3 & Other Nuclear Requirements .....		[66,000]
	UFR: SBIRS Requirements .....		[8,000]
100	OTHER COMBAT OPS SPT PROGRAMS .....	1,131,817	1,173,017
	UFR: Cyber Requirements .....		[18,300]
	UFR: Eagle Vision sustainment .....		[6,100]
	UFR: PACAF Contingency Response Group .....		[16,800]
120	LAUNCH FACILITIES .....	175,457	175,457
130	SPACE CONTROL SYSTEMS .....	353,458	353,458
160	US NORTHCOM/NORAD .....	189,891	189,891
170	US STRATCOM .....	534,236	534,236
180	US CYBERCOM .....	357,830	357,830
190	US CENTCOM .....	168,208	168,208
200	US SOCOM .....	2,280	2,280
210	US TRANSCOM .....	533	533
9999	CLASSIFIED PROGRAMS .....	1,091,655	1,091,655
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>30,792,217</b>	<b>32,748,300</b>
<b>MOBILIZATION</b>			
220	AIRLIFT OPERATIONS .....	1,570,697	1,572,497
	UFR: sustain 3 additional C-37B .....		[1,800]
230	MOBILIZATION PREPAREDNESS .....	130,241	176,691
	UFR: PACAF Contingency Response Group .....		[16,900]
	UFR: Set the Theater (SET) PACOM .....		[29,550]
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>1,700,938</b>	<b>1,749,188</b>
<b>TRAINING AND RECRUITING</b>			
270	OFFICER ACQUISITION .....	113,722	113,722
280	RECRUIT TRAINING .....	24,804	24,804
290	RESERVE OFFICERS TRAINING CORPS (ROTC) .....	95,733	95,733
320	SPECIALIZED SKILL TRAINING .....	395,476	395,476
330	FLIGHT TRAINING .....	501,599	501,599
340	PROFESSIONAL DEVELOPMENT EDUCATION .....	287,500	287,500
350	TRAINING SUPPORT .....	91,384	91,384
370	RECRUITING AND ADVERTISING .....	166,795	166,795
380	EXAMINING .....	4,134	4,134
390	OFF-DUTY AND VOLUNTARY EDUCATION .....	222,691	222,691
400	CIVILIAN EDUCATION AND TRAINING .....	171,974	171,974
410	JUNIOR ROTC .....	60,070	60,070
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>2,135,882</b>	<b>2,135,882</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
420	LOGISTICS OPERATIONS .....	805,453	805,453
430	TECHNICAL SUPPORT ACTIVITIES .....	127,379	127,379
470	ADMINISTRATION .....	911,283	911,283
480	SERVICEWIDE COMMUNICATIONS .....	432,172	432,172
490	OTHER SERVICEWIDE ACTIVITIES .....	1,175,658	1,175,658

**SEC. 4301. OPERATION AND MAINTENANCE**  
*(In Thousands of Dollars)*

<i>Line</i>	<i>Item</i>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
500	CIVIL AIR PATROL .....	26,719	26,719
530	INTERNATIONAL SUPPORT .....	76,878	76,878
540	AIR FORCE WIDE UNDISTRIBUTED .....	0	129,100
	UFR: C&Y Tech Sustainment .....		[6,000]
	UFR: Child and Youth Compliance .....		[35,000]
	UFR: Food Service Capabilities .....		[43,200]
	UFR: MWR Resiliency Capabilities .....		[40,000]
	UFR: Violence Prevention Program .....		[4,900]
9999	CLASSIFIED PROGRAMS .....	1,244,653	1,244,653
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>4,800,195</b>	<b>4,929,295</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b> ....	<b>39,429,232</b>	<b>41,562,665</b>
	<b>OPERATION &amp; MAINTENANCE, AF RESERVE</b>		
	<b>OPERATING FORCES</b>		
010	PRIMARY COMBAT FORCES .....	1,801,007	1,801,007
020	MISSION SUPPORT OPERATIONS .....	210,642	210,642
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	403,867	403,867
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION .....	124,951	124,951
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT ..	240,835	266,635
	UFR: Weapon Systems Sustainment .....		[25,800]
060	BASE SUPPORT .....	371,878	405,878
	UFR: Restore maintenance and repair .....		[34,000]
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>3,153,180</b>	<b>3,212,980</b>
	<b>ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>		
070	ADMINISTRATION .....	74,153	74,153
080	RECRUITING AND ADVERTISING .....	19,522	19,522
090	MILITARY MANPOWER AND PERS MGMT (ARPC) .....	12,765	12,765
100	OTHER PERS SUPPORT (DISABILITY COMP) .....	7,495	7,495
110	AUDIOVISUAL .....	392	392
	<b>SUBTOTAL ADMINISTRATION AND SERVICEWIDE</b> <b>ACTIVITIES</b> .....	<b>114,327</b>	<b>114,327</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RESERVE</b> ..	<b>3,267,507</b>	<b>3,327,307</b>
	<b>OPERATION &amp; MAINTENANCE, ANG</b>		
	<b>OPERATING FORCES</b>		
010	AIRCRAFT OPERATIONS .....	3,175,055	3,175,055
020	MISSION SUPPORT OPERATIONS .....	746,082	812,082
	UFR: Facility and Communication Infrastructure .....		[66,000]
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	867,063	867,063
040	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION .....	325,090	381,090
	UFR: Sustainment, Restoration, Modernization (SRM) .....		[56,000]
050	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT ..	1,100,829	1,159,529
	UFR: Increase Weapons System Sustainment .....		[58,700]
060	BASE SUPPORT .....	583,664	651,664
	UFR: Facility Restoration Modernization .....		[68,000]
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>6,797,783</b>	<b>7,046,483</b>
	<b>ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b>		
070	ADMINISTRATION .....	44,955	44,955
080	RECRUITING AND ADVERTISING .....	97,230	52,230
	Advertising Reduction .....		[-45,000]
	<b>SUBTOTAL ADMINISTRATION AND SERVICE-WIDE</b> <b>ACTIVITIES</b> .....	<b>142,185</b>	<b>97,185</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> .....	<b>6,939,968</b>	<b>7,143,668</b>
	<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE</b>		
	<b>OPERATING FORCES</b>		
010	JOINT CHIEFS OF STAFF .....	440,853	440,853
020	JOINT CHIEFS OF STAFF—CE2T2 .....	551,511	551,511
040	SPECLAL OPERATIONS COMMAND/OPERATING FORCES .....	5,008,274	5,008,274
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>6,000,638</b>	<b>6,000,638</b>
	<b>TRAINING AND RECRUITING</b>		
050	DEFENSE ACQUISITION UNIVERSITY .....	144,970	149,970

**SEC. 4301. OPERATION AND MAINTENANCE**  
*(In Thousands of Dollars)*

<i>Line</i>	<i>Item</i>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
	<i>Increase for curriculum development</i> .....		[5,000]
060	JOINT CHIEFS OF STAFF .....	84,402	84,402
080	SPECIAL OPERATIONS COMMAND/TRAINING AND RECRUITING .....		
		379,462	379,462
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>608,834</b>	<b>613,834</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
090	CIVIL MILITARY PROGRAMS .....	183,000	208,000
	<i>Starbase</i> .....		[25,000]
110	DEFENSE CONTRACT AUDIT AGENCY .....	597,836	597,836
120	DEFENSE CONTRACT MANAGEMENT AGENCY .....	1,439,010	1,439,010
130	DEFENSE HUMAN RESOURCES ACTIVITY .....	807,754	807,754
140	DEFENSE INFORMATION SYSTEMS AGENCY .....	2,009,702	2,009,702
160	DEFENSE LEGAL SERVICES AGENCY .....	24,207	24,207
170	DEFENSE LOGISTICS AGENCY .....	400,422	400,422
180	DEFENSE MEDIA ACTIVITY .....	217,585	217,585
190	DEFENSE PERSONNEL ACCOUNTING AGENCY .....	131,268	131,268
200	DEFENSE SECURITY COOPERATION AGENCY .....	722,496	722,496
210	DEFENSE SECURITY SERVICE .....	683,665	683,665
230	DEFENSE TECHNOLOGY SECURITY ADMINISTRATION .....	34,712	34,712
240	DEFENSE THREAT REDUCTION AGENCY .....	542,604	542,604
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....	2,794,389	2,829,389
	<i>Impact aid for children with severe disabilities</i> .....		[10,000]
	<i>Impact aid for schools with military dependent students</i> .....		[25,000]
270	MISSILE DEFENSE AGENCY .....	504,058	504,058
290	OFFICE OF ECONOMIC ADJUSTMENT .....	57,840	57,840
300	OFFICE OF THE SECRETARY OF DEFENSE .....	1,612,244	1,621,244
	<i>CDC Study</i> .....		[7,000]
	<i>Readiness increase</i> .....		[1,000]
	<i>Study on Air Force aircraft capacity and capabilities</i> .....		[1,000]
310	SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE ACTIVITIES .....	94,273	94,273
320	WASHINGTON HEADQUARTERS SERVICES .....	436,776	436,776
9999	CLASSIFIED PROGRAMS .....	14,806,404	14,806,404
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>28,100,245</b>	<b>28,169,245</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE</b> .....	<b>34,709,717</b>	<b>34,783,717</b>
	<b>MISCELLANEOUS APPROPRIATIONS</b>		
	<b>US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE</b>		
010	US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE .....	14,538	14,538
	<b>SUBTOTAL US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE</b> .....	<b>14,538</b>	<b>14,538</b>
	<b>OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID</b>		
010	OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID .....	104,900	104,900
	<b>SUBTOTAL OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID</b> .....	<b>104,900</b>	<b>104,900</b>
	<b>FORMER SOVIET UNION (FSU) THREAT REDUCTION</b>		
010	FORMER SOVIET UNION (FSU) THREAT REDUCTION .....	324,600	324,600
	<b>SUBTOTAL FORMER SOVIET UNION (FSU) THREAT REDUCTION</b> .....	<b>324,600</b>	<b>324,600</b>
	<b>ENVIRONMENTAL RESTORATION, ARMY</b>		
050	ENVIRONMENTAL RESTORATION, ARMY .....	215,809	215,809
	<b>SUBTOTAL ENVIRONMENTAL RESTORATION, ARMY</b> .....	<b>215,809</b>	<b>215,809</b>
	<b>ENVIRONMENTAL RESTORATION, NAVY</b>		
070	ENVIRONMENTAL RESTORATION, NAVY .....	281,415	281,415
	<b>SUBTOTAL ENVIRONMENTAL RESTORATION, NAVY</b> .....	<b>281,415</b>	<b>281,415</b>
	<b>ENVIRONMENTAL RESTORATION, AIR FORCE</b>		
090	ENVIRONMENTAL RESTORATION, AIR FORCE .....	293,749	293,749
	<b>SUBTOTAL ENVIRONMENTAL RESTORATION, AIR FORCE</b> .....	<b>293,749</b>	<b>293,749</b>

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	<b>ENVIRONMENTAL RESTORATION, DEFENSE</b>		
110	ENVIRONMENTAL RESTORATION, DEFENSE .....	9,002	9,002
	<b>SUBTOTAL ENVIRONMENTAL RESTORATION, DE- FENSE</b> .....	<b>9,002</b>	<b>9,002</b>
	<b>ENVIRONMENTAL RESTORATION FORMERLY USED SITES</b>		
130	ENVIRONMENTAL RESTORATION FORMERLY USED SITES .....	208,673	208,673
	<b>SUBTOTAL ENVIRONMENTAL RESTORATION FOR- MERLY USED SITES</b> .....	<b>208,673</b>	<b>208,673</b>
	<b>TOTAL MISCELLANEOUS APPROPRIATIONS</b> .....	<b>1,452,686</b>	<b>1,452,686</b>
	<b>UNDISTRIBUTED</b>		
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	1,411,595
	ERI costs transferred to base (except Ukraine assistance) .....		[2,121,300]
	Foreign Currency Fluctuations .....		[-313,315]
	Fuel Savings .....		[-396,390]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....	<b>0</b>	<b>1,411,595</b>
	<b>TOTAL UNDISTRIBUTED</b> .....	<b>0</b>	<b>1,411,595</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE</b> .....	<b>188,694,198</b>	<b>194,903,645</b>

**1 SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS**

**2 CONTINGENCY OPERATIONS.**

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	<b>OPERATION &amp; MAINTENANCE, ARMY</b>		
	<b>OPERATING FORCES</b>		
010	MANEUVER UNITS .....	828,225	828,225
030	ECHELONS ABOVE BRIGADE .....	25,474	25,474
040	THEATER LEVEL ASSETS .....	1,778,644	1,778,644
050	LAND FORCES OPERATIONS SUPPORT .....	260,575	260,575
060	AVIATION ASSETS .....	284,422	284,422
070	FORCE READINESS OPERATIONS SUPPORT .....	2,784,525	2,784,525
080	LAND FORCES SYSTEMS READINESS .....	502,330	502,330
090	LAND FORCES DEPOT MAINTENANCE .....	104,149	104,149
100	BASE OPERATIONS SUPPORT .....	80,249	80,249
110	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION .....	32,000	32,000
140	ADDITIONAL ACTIVITIES .....	6,151,378	6,151,378
150	COMMANDERS EMERGENCY RESPONSE PROGRAM .....	5,000	5,000
160	RESET .....	864,926	864,926
180	US AFRICA COMMAND .....	186,567	186,567
190	US EUROPEAN COMMAND .....	44,250	44,250
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>13,932,714</b>	<b>13,932,714</b>
	<b>MOBILIZATION</b>		
230	ARMY PREPOSITIONED STOCKS .....	56,500	56,500
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>56,500</b>	<b>56,500</b>
	<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>		
390	SERVICEWIDE TRANSPORTATION .....	755,029	755,029
400	CENTRAL SUPPLY ACTIVITIES .....	16,567	16,567
410	LOGISTIC SUPPORT ACTIVITIES .....	6,000	6,000
420	AMMUNITION MANAGEMENT .....	5,207	5,207
460	OTHER PERSONNEL SUPPORT .....	107,091	107,091
490	REAL ESTATE MANAGEMENT .....	165,280	165,280
9999	CLASSIFIED PROGRAMS .....	1,082,015	1,082,015
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>2,137,189</b>	<b>2,137,189</b>

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY .....</b>	<b>16,126,403</b>	<b>16,126,403</b>
	<b>OPERATION &amp; MAINTENANCE, ARMY RES</b>		
	<b>OPERATING FORCES</b>		
020	ECHELONS ABOVE BRIGADE .....	4,179	4,179
040	LAND FORCES OPERATIONS SUPPORT .....	2,132	2,132
060	FORCE READINESS OPERATIONS SUPPORT .....	779	779
090	BASE OPERATIONS SUPPORT .....	17,609	17,609
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>24,699</b>	<b>24,699</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES .....</b>	<b>24,699</b>	<b>24,699</b>
	<b>OPERATION &amp; MAINTENANCE, ARNG</b>		
	<b>OPERATING FORCES</b>		
010	MANEUVER UNITS .....	41,731	41,731
020	MODULAR SUPPORT BRIGADES .....	762	762
030	ECHELONS ABOVE BRIGADE .....	11,855	11,855
040	THEATER LEVEL ASSETS .....	204	204
060	AVIATION ASSETS .....	27,583	27,583
070	FORCE READINESS OPERATIONS SUPPORT .....	5,792	5,792
100	BASE OPERATIONS SUPPORT .....	18,507	18,507
120	MANAGEMENT AND OPERATIONAL HEADQUARTERS .....	937	937
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>107,371</b>	<b>107,371</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
150	SERVICEWIDE COMMUNICATIONS .....	740	740
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>740</b>	<b>740</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>	<b>108,111</b>	<b>108,111</b>
	<b>AFGHANISTAN SECURITY FORCES FUND</b>		
	<b>MINISTRY OF DEFENSE</b>		
010	SUSTAINMENT .....	2,660,855	2,660,855
020	INFRASTRUCTURE .....	21,000	21,000
030	EQUIPMENT AND TRANSPORTATION .....	684,786	684,786
040	TRAINING AND OPERATIONS .....	405,117	405,117
	<b>SUBTOTAL MINISTRY OF DEFENSE .....</b>	<b>3,771,758</b>	<b>3,771,758</b>
	<b>MINISTRY OF INTERIOR</b>		
050	SUSTAINMENT .....	955,574	955,574
060	INFRASTRUCTURE .....	39,595	39,595
070	EQUIPMENT AND TRANSPORTATION .....	75,976	75,976
080	TRAINING AND OPERATIONS .....	94,612	94,612
	<b>SUBTOTAL MINISTRY OF INTERIOR .....</b>	<b>1,165,757</b>	<b>1,165,757</b>
	<b>TOTAL AFGHANISTAN SECURITY FORCES FUND .....</b>	<b>4,937,515</b>	<b>4,937,515</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY</b>		
	<b>OPERATING FORCES</b>		
010	MISSION AND OTHER FLIGHT OPERATIONS .....	412,710	412,710
030	AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....	1,750	1,750
040	AIR OPERATIONS AND SAFETY SUPPORT .....	2,989	2,989
050	AIR SYSTEMS SUPPORT .....	144,030	144,030
060	AIRCRAFT DEPOT MAINTENANCE .....	211,196	211,196
070	AIRCRAFT DEPOT OPERATIONS SUPPORT .....	1,921	1,921
080	AVIATION LOGISTICS .....	102,834	102,834
090	MISSION AND OTHER SHIP OPERATIONS .....	855,453	855,453
100	SHIP OPERATIONS SUPPORT & TRAINING .....	19,627	19,627
110	SHIP DEPOT MAINTENANCE .....	2,483,179	2,483,179
130	COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....	58,886	58,886
150	SPACE SYSTEMS AND SURVEILLANCE .....	4,400	4,400
160	WARFARE TACTICS .....	21,550	21,550
170	OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....	21,104	21,104
180	COMBAT SUPPORT FORCES .....	605,936	605,936
190	EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUP- PORT .....	11,433	11,433
280	WEAPONS MAINTENANCE .....	325,011	325,011
290	OTHER WEAPON SYSTEMS SUPPORT .....	9,598	9,598
310	SUSTAINMENT, RESTORATION AND MODERNIZATION .....	31,898	31,898

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
320	BASE OPERATING SUPPORT .....	228,246	228,246
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>5,553,751</b>	<b>5,553,751</b>
	<b>MOBILIZATION</b>		
360	SHIP ACTIVATIONS/INACTIVATIONS .....	1,869	1,869
370	EXPEDITIONARY HEALTH SERVICES SYSTEMS .....	11,905	11,905
390	COAST GUARD SUPPORT .....	161,885	161,885
	<b>SUBTOTAL MOBILIZATION .....</b>	<b>175,659</b>	<b>175,659</b>
	<b>TRAINING AND RECRUITING</b>		
430	SPECIALIZED SKILL TRAINING .....	43,369	43,369
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>43,369</b>	<b>43,369</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
510	ADMINISTRATION .....	3,217	3,217
540	MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....	7,356	7,356
590	SERVICEWIDE TRANSPORTATION .....	67,938	67,938
620	ACQUISITION, LOGISTICS, AND OVERSIGHT .....	9,446	9,446
660	INVESTIGATIVE AND SECURITY SERVICES .....	1,528	1,528
9999	CLASSIFIED PROGRAMS .....	12,751	12,751
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>102,236</b>	<b>102,236</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>	<b>5,875,015</b>	<b>5,875,015</b>
	<b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>		
	<b>OPERATING FORCES</b>		
010	OPERATIONAL FORCES .....	710,790	710,790
020	FIELD LOGISTICS .....	242,150	242,150
030	DEPOT MAINTENANCE .....	52,000	52,000
070	BASE OPERATING SUPPORT .....	17,529	17,529
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>1,022,469</b>	<b>1,022,469</b>
	<b>TRAINING AND RECRUITING</b>		
120	TRAINING SUPPORT .....	29,421	29,421
	<b>SUBTOTAL TRAINING AND RECRUITING .....</b>	<b>29,421</b>	<b>29,421</b>
	<b>ADMIN &amp; SRVWD ACTIVITIES</b>		
160	SERVICEWIDE TRANSPORTATION .....	61,600	61,600
9999	CLASSIFIED PROGRAMS .....	3,150	3,150
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>	<b>64,750</b>	<b>64,750</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b>	<b>1,116,640</b>	<b>1,116,640</b>
	<b>OPERATION &amp; MAINTENANCE, NAVY RES</b>		
	<b>OPERATING FORCES</b>		
030	AIRCRAFT DEPOT MAINTENANCE .....	14,964	14,964
080	COMBAT SUPPORT FORCES .....	9,016	9,016
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>23,980</b>	<b>23,980</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES .....</b>	<b>23,980</b>	<b>23,980</b>
	<b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>		
	<b>OPERATING FORCES</b>		
010	OPERATING FORCES .....	2,548	2,548
040	BASE OPERATING SUPPORT .....	819	819
	<b>SUBTOTAL OPERATING FORCES .....</b>	<b>3,367</b>	<b>3,367</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE</b>	<b>3,367</b>	<b>3,367</b>
	<b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>		
	<b>OPERATING FORCES</b>		
010	PRIMARY COMBAT FORCES .....	248,235	248,235
020	COMBAT ENHANCEMENT FORCES .....	1,394,962	1,394,962
030	AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....	5,450	5,450
040	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	699,860	699,860
050	FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA- TION .....	113,131	113,131
060	CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....	2,039,551	2,039,551
070	FLYING HOUR PROGRAM .....	2,059,363	2,059,363

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
080	BASE SUPPORT .....	1,088,946	1,088,946
090	GLOBAL C3I AND EARLY WARNING .....	15,274	15,274
100	OTHER COMBAT OPS SPT PROGRAMS .....	198,090	198,090
120	LAUNCH FACILITIES .....	385	385
130	SPACE CONTROL SYSTEMS .....	22,020	22,020
160	US NORTHCOM/NORAD .....	381	381
170	US STRATCOM .....	698	698
180	US CYBERCOM .....	35,239	35,239
190	US CENTCOM .....	159,520	159,520
200	US SOCOM .....	19,000	19,000
9999	CLASSIFIED PROGRAMS .....	58,098	58,098
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>8,158,203</b>	<b>8,158,203</b>
<b>MOBILIZATION</b>			
220	AIRLIFT OPERATIONS .....	1,430,316	1,430,316
230	MOBILIZATION PREPAREDNESS .....	213,827	213,827
	<b>SUBTOTAL MOBILIZATION</b> .....	<b>1,644,143</b>	<b>1,644,143</b>
<b>TRAINING AND RECRUITING</b>			
270	OFFICER ACQUISITION .....	300	300
280	RECRUIT TRAINING .....	298	298
290	RESERVE OFFICERS TRAINING CORPS (ROTC) .....	90	90
320	SPECIALIZED SKILL TRAINING .....	25,675	25,675
330	FLIGHT TRAINING .....	879	879
340	PROFESSIONAL DEVELOPMENT EDUCATION .....	1,114	1,114
350	TRAINING SUPPORT .....	1,426	1,426
	<b>SUBTOTAL TRAINING AND RECRUITING</b> .....	<b>29,782</b>	<b>29,782</b>
<b>ADMIN &amp; SRVWD ACTIVITIES</b>			
420	LOGISTICS OPERATIONS .....	151,847	151,847
430	TECHNICAL SUPPORT ACTIVITIES .....	8,744	8,744
470	ADMINISTRATION .....	6,583	6,583
480	SERVICEWIDE COMMUNICATIONS .....	129,508	129,508
490	OTHER SERVICEWIDE ACTIVITIES .....	84,110	84,110
530	INTERNATIONAL SUPPORT .....	120	120
9999	CLASSIFIED PROGRAMS .....	53,255	53,255
	<b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....	<b>434,167</b>	<b>434,167</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b> ....	<b>10,266,295</b>	<b>10,266,295</b>
<b>OPERATION &amp; MAINTENANCE, AF RESERVE OPERATING FORCES</b>			
030	DEPOT PURCHASE EQUIPMENT MAINTENANCE .....	52,323	52,323
060	BASE SUPPORT .....	6,200	6,200
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>58,523</b>	<b>58,523</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, AF RESERVE</b>	<b>58,523</b>	<b>58,523</b>
<b>OPERATION &amp; MAINTENANCE, ANG OPERATING FORCES</b>			
020	MISSION SUPPORT OPERATIONS .....	3,468	3,468
060	BASE SUPPORT .....	11,932	11,932
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>15,400</b>	<b>15,400</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> .....	<b>15,400</b>	<b>15,400</b>
<b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>			
010	JOINT CHIEFS OF STAFF .....	4,841	4,841
040	SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....	3,305,234	3,311,534
	UFR: Joint Task Force Platform Expansion .....		[6,300]
	<b>SUBTOTAL OPERATING FORCES</b> .....	<b>3,310,075</b>	<b>3,316,375</b>
<b>ADMIN &amp; SRVWIDE ACTIVITIES</b>			
110	DEFENSE CONTRACT AUDIT AGENCY .....	9,853	9,853
120	DEFENSE CONTRACT MANAGEMENT AGENCY .....	21,317	21,317
140	DEFENSE INFORMATION SYSTEMS AGENCY .....	64,137	64,137
160	DEFENSE LEGAL SERVICES AGENCY .....	115,000	115,000
180	DEFENSE MEDIA ACTIVITY .....	13,255	13,255
200	DEFENSE SECURITY COOPERATION AGENCY .....	2,312,000	2,562,000

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
	Reduction to Coalition Support Funds .....		[-100,000]
	Ukraine Security Assistance Initiative .....		[350,000]
260	DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....	31,000	31,000
300	OFFICE OF THE SECRETARY OF DEFENSE .....	34,715	34,715
320	WASHINGTON HEADQUARTERS SERVICES .....	3,179	3,179
9999	CLASSIFIED PROGRAMS .....	1,797,549	1,797,549
	<b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....	<b>4,402,005</b>	<b>4,652,005</b>
	<b>TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE</b> .....	<b>7,712,080</b>	<b>7,968,380</b>
	<b>UNDISTRIBUTED</b>		
	<b>UNDISTRIBUTED</b>		
999	UNDISTRIBUTED .....	0	-2,121,300
	ERI costs transferred from OCO to base (except Ukraine assistance) .....		[-2,121,300]
	<b>SUBTOTAL UNDISTRIBUTED</b> .....	<b>0</b>	<b>-2,121,300</b>
	<b>TOTAL UNDISTRIBUTED</b> .....	<b>0</b>	<b>-2,121,300</b>
	<b>TOTAL OPERATION &amp; MAINTENANCE</b> .....	<b>46,268,028</b>	<b>44,403,028</b>

1 **TITLE XLIV—MILITARY**  
2 **PERSONNEL**

3 **SEC. 4401. MILITARY PERSONNEL.**

**SEC. 4401. MILITARY PERSONNEL**  
(In Thousands of Dollars)

<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
<b>MILITARY PERSONNEL</b>		
<b>MILITARY PERSONNEL APPROPRIATIONS</b>		
MILITARY PERSONNEL APPROPRIATIONS .....	133,881,636	133,726,723
Defense Innovation Board software review .....		1,000
ERI costs transferred to base .....		214,300
Marine Corps endstrength increase (1k) .....		100,000
Public-Private partnership on military spousal employment .....		1,000
UFR: ANG funds training man days .....		170,800
UFR: Army endtrength increase (6k) .....		321,000
UFR: Army readiness requirements .....		107,987
UFR: ATFP Enhancement—2nd Pier Sentry (Mahan Report) .....		12,000
Unobligated Balances .....		[-1,083,000]
<b>SUBTOTAL MILITARY PERSONNEL APPROPRIATIONS</b> .....	<b>133,881,636</b>	<b>133,726,723</b>
<b>MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS</b>		
MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS .....	7,804,427	7,820,427
UFR: Army endtrength increase (6k) .....		16,000
<b>SUBTOTAL MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS</b> .....	<b>7,804,427</b>	<b>7,820,427</b>
<b>TOTAL MILITARY PERSONNEL</b> .....	<b>141,686,063</b>	<b>141,547,150</b>

1 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**  
 2 **GENCY OPERATIONS.**

<b>SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)		
<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
<b>MILITARY PERSONNEL</b>		
<b>MILITARY PERSONNEL APPROPRIATIONS</b>		
MILITARY PERSONNEL APPROPRIATIONS .....	4,276,276	4,061,976
ERI costs transferred to base budget .....		[-214,300]
<b>SUBTOTAL MILITARY PERSONNEL APPROPRIATIONS</b> .....	<b>4,276,276</b>	<b>4,061,976</b>
<b>TOTAL MILITARY PERSONNEL</b> .....	<b>4,276,276</b>	<b>4,061,976</b>

3 **TITLE XLV—OTHER**  
 4 **AUTHORIZATIONS**

5 **SEC. 4501. OTHER AUTHORIZATIONS.**

<b>SEC. 4501. OTHER AUTHORIZATIONS</b> (In Thousands of Dollars)			
<i>Line</i>	<i>Item</i>	<i>FY 2018 Request</i>	<i>Senate Authorized</i>
<b>WORKING CAPITAL FUND</b>			
<b>WORKING CAPITAL FUND, ARMY</b>			
010	Industrial Operations .....	43,140	43,140
020	Supply Management—Army .....	40,636	90,736
	ERI costs transfer from OCO to base .....		[50,100]
	<b>SUBTOTAL WORKING CAPITAL FUND, ARMY</b> .....	<b>83,776</b>	<b>133,876</b>
<b>WORKING CAPITAL FUND, AIR FORCE</b>			
010	Supplies and Materials .....	66,462	66,462
	<b>SUBTOTAL WORKING CAPITAL FUND, AIR FORCE</b> .....	<b>66,462</b>	<b>66,462</b>
<b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>			
020	Supply Chain Management—Def .....	47,018	47,018
	<b>SUBTOTAL WORKING CAPITAL FUND, DEFENSE-WIDE</b> .....	<b>47,018</b>	<b>47,018</b>
<b>WORKING CAPITAL FUND, DECA</b>			
010	Working Capital Fund, DECA .....	1,389,340	1,389,340
	<b>SUBTOTAL WORKING CAPITAL FUND, DECA</b> .....	<b>1,389,340</b>	<b>1,389,340</b>
	<b>TOTAL WORKING CAPITAL FUND</b> .....	<b>1,586,596</b>	<b>1,636,696</b>
<b>CHEM AGENTS &amp; MUNITIONS DESTRUCTION OPERATION AND MAINTENANCE</b>			
1	Chem Demilitarization—O&M .....	104,237	104,237
	<b>SUBTOTAL OPERATION AND MAINTENANCE</b> .....	<b>104,237</b>	<b>104,237</b>
<b>RESEARCH, DEVELOPMENT, TEST, AND EVALUATION</b>			
2	Chem Demilitarization—RDT&E .....	839,414	839,414
	<b>SUBTOTAL RESEARCH, DEVELOPMENT, TEST, AND EVALUATION</b> .....	<b>839,414</b>	<b>839,414</b>
<b>PROCUREMENT</b>			
3	Chem Demilitarization—Proc .....	18,081	18,081
	<b>SUBTOTAL PROCUREMENT</b> .....	<b>18,081</b>	<b>18,081</b>
	<b>TOTAL CHEM AGENTS &amp; MUNITIONS DESTRUCTION</b> .....	<b>961,732</b>	<b>961,732</b>
<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES</b>			
010	Drug Interdiction and Counter-Drug Activities, Defense .....	674,001	674,001

<b>SEC. 4501. OTHER AUTHORIZATIONS</b>			
<i>(In Thousands of Dollars)</i>			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
	<b>SUBTOTAL DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES</b>	<b>674,001</b>	<b>674,001</b>
	<b>DRUG DEMAND REDUCTION PROGRAM</b>		
020	Drug Demand Reduction Program	116,813	116,813
	<b>SUBTOTAL DRUG DEMAND REDUCTION PROGRAM</b>	<b>116,813</b>	<b>116,813</b>
	<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>	<b>790,814</b>	<b>790,814</b>
	<b>OFFICE OF THE INSPECTOR GENERAL OPERATION AND MAINTENANCE</b>		
010	Operation And Maintenance	334,087	334,087
	<b>SUBTOTAL OPERATION AND MAINTENANCE</b>	<b>334,087</b>	<b>334,087</b>
	<b>RDT&amp;E</b>		
020	RDT&E	2,800	2,800
	<b>SUBTOTAL RDT&amp;E</b>	<b>2,800</b>	<b>2,800</b>
	<b>TOTAL OFFICE OF THE INSPECTOR GENERAL</b>	<b>336,887</b>	<b>336,887</b>
	<b>DEFENSE HEALTH PROGRAM OPERATION &amp; MAINTENANCE</b>		
010	In-House Care	9,457,768	9,457,768
020	Private Sector Care	15,317,732	15,317,732
030	Consolidated Health Support	2,193,045	2,193,045
040	Information Management	1,803,733	1,803,733
050	Management Activities	330,752	330,752
060	Education and Training	737,730	737,730
070	Base Operations/Communications	2,255,163	2,255,163
	<b>SUBTOTAL OPERATION &amp; MAINTENANCE</b>	<b>32,095,923</b>	<b>32,095,923</b>
	<b>RDT&amp;E</b>		
080	R&D Research	9,796	9,796
090	R&D Exploratory Development	64,881	64,881
100	R&D Advanced Development	246,268	246,268
110	R&D Demonstration/Validation	99,039	99,039
120	R&D Engineering Development	170,602	170,602
130	R&D Management and Support	69,191	69,191
140	R&D Capabilities Enhancement	13,438	13,438
	<b>SUBTOTAL RDT&amp;E</b>	<b>673,215</b>	<b>673,215</b>
	<b>PROCUREMENT</b>		
150	PROC Initial Outfitting	26,978	26,978
160	PROC Replacement & Modernization	360,831	360,831
180	PROC Joint Operational Medicine Information System	8,326	8,326
190	PROC DoD Healthcare Management System Modernization	499,193	499,193
	<b>SUBTOTAL PROCUREMENT</b>	<b>895,328</b>	<b>895,328</b>
	<b>TOTAL DEFENSE HEALTH PROGRAM</b>	<b>33,664,466</b>	<b>33,664,466</b>
	<b>NATIONAL DEFENSE SEALIFT FUND OPERATIONS, MAINTENANCE AND LEASE</b>		
050	LG Med Spd Ro/Ro Maintenance	135,800	135,800
060	DoD Mobilization Alterations	11,197	11,197
070	TAH Maintenance	54,453	54,453
	<b>SUBTOTAL OPERATIONS, MAINTENANCE AND LEASE</b>	<b>201,450</b>	<b>201,450</b>
	<b>RESEARCH AND DEVELOPMENT</b>		
080	Research And Development	18,622	18,622
	<b>SUBTOTAL RESEARCH AND DEVELOPMENT</b>	<b>18,622</b>	<b>18,622</b>
	<b>READY RESERVE FORCES</b>		
090	Ready Reserve Force	289,255	296,255
	UFR: Strategic Sealift service life extension		[7,000]
	<b>SUBTOTAL READY RESERVE FORCES</b>	<b>289,255</b>	<b>296,255</b>
	<b>TOTAL NATIONAL DEFENSE SEALIFT FUND</b>	<b>509,327</b>	<b>516,327</b>
	<b>TOTAL OTHER AUTHORIZATIONS</b>	<b>37,849,822</b>	<b>37,906,922</b>

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**  
 2 **TINGENCY OPERATIONS.**

<b>SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)			
<b>Line</b>	<b>Item</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
<b>WORKING CAPITAL FUND</b>			
<b>WORKING CAPITAL FUND, ARMY</b>			
020	Supply Management—Army .....	50,111	0
	ERI costs transfer from OCO to base .....		[-50,111]
	<b>SUBTOTAL WORKING CAPITAL FUND, ARMY .....</b>	<b>50,111</b>	<b>0</b>
<b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>			
010	Energy Management—Def .....	70,000	70,000
020	Supply Chain Management—Def .....	28,845	28,845
	<b>SUBTOTAL WORKING CAPITAL FUND, DEFENSE-WIDE .....</b>	<b>98,845</b>	<b>98,845</b>
	<b>TOTAL WORKING CAPITAL FUND .....</b>	<b>148,956</b>	<b>98,845</b>
<b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>			
<b>DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES</b>			
010	Drug Interdiction and Counter-Drug Activities, Defense .....	196,300	196,300
	<b>SUBTOTAL DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES .....</b>	<b>196,300</b>	<b>196,300</b>
	<b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF .....</b>	<b>196,300</b>	<b>196,300</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>			
<b>OPERATION AND MAINTENANCE</b>			
010	Operation And Maintenance .....	24,692	24,692
	<b>SUBTOTAL OPERATION AND MAINTENANCE .....</b>	<b>24,692</b>	<b>24,692</b>
	<b>TOTAL OFFICE OF THE INSPECTOR GENERAL .....</b>	<b>24,692</b>	<b>24,692</b>
<b>DEFENSE HEALTH PROGRAM</b>			
<b>OPERATION &amp; MAINTENANCE</b>			
010	In-House Care .....	61,857	61,857
020	Private Sector Care .....	331,968	331,968
030	Consolidated Health Support .....	1,980	1,980
	<b>SUBTOTAL OPERATION &amp; MAINTENANCE .....</b>	<b>395,805</b>	<b>395,805</b>
	<b>TOTAL DEFENSE HEALTH PROGRAM .....</b>	<b>395,805</b>	<b>395,805</b>
<b>COUNTER-ISLAMIC ISIS TRAIN &amp; EQUIP FUND</b>			
<b>COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)</b>			
010	Iraq .....	1,269,000	1,269,000
020	Syria .....	500,000	500,000
	<b>SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF) .....</b>	<b>1,769,000</b>	<b>1,769,000</b>
	<b>TOTAL COUNTER-ISLAMIC ISIS TRAIN &amp; EQUIP FUND .....</b>	<b>1,769,000</b>	<b>1,769,000</b>
	<b>TOTAL OTHER AUTHORIZATIONS .....</b>	<b>2,534,753</b>	<b>2,484,642</b>

3 **TITLE XLVI—MILITARY**  
 4 **CONSTRUCTION**

5 **SEC. 4601. MILITARY CONSTRUCTION.**

<b>SEC. 4601. MILITARY CONSTRUCTION</b> (In Thousands of Dollars)				
<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
<b>MILITARY CONSTRUCTION</b>				
<b>MILCON, ARMY</b>				

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
MILCON, ARMY	Alabama Fort Rucker	Training Support Facility .....	38,000	38,000
	Arizona			
MILCON, ARMY	Davis-Monthan AFB	General Instruction Building .....	22,000	22,000
MILCON, ARMY	Fort Huachuca	Ground Transport Equipment Building .....	30,000	30,000
	California			
MILCON, ARMY	Fort Irwin	Land Acquisition .....	3,000	3,000
	Colorado			
MILCON, ARMY	Fort Carson, Colorado	Ammunition Supply Point .....	21,000	21,000
MILCON, ARMY	Fort Carson, Colorado	Battlefield Weather Facility .....	8,300	8,300
	Florida			
MILCON, ARMY	Eglin AFB	Multipurpose Range Complex .....	18,000	18,000
	Georgia			
MILCON, ARMY	Fort Benning	Air Traffic Control Tower (ATCT) .....	0	10,800
MILCON, ARMY	Fort Benning	Training Support Facility .....	28,000	28,000
MILCON, ARMY	Fort Gordon	Access Control Point .....	33,000	33,000
MILCON, ARMY	Fort Gordon	Automation-Aided Instructional Building .....	18,500	18,500
	Germany			
MILCON, ARMY	Stuttgart	Commissary .....	40,000	40,000
MILCON, ARMY	Weisbaden	Administrative Building .....	43,000	43,000
	Hawaii			
MILCON, ARMY	Fort Shafter	Command and Control Facility, Incr 3 .....	90,000	90,000
MILCON, ARMY	Pohakuloa Training Area	Operational Readiness Training Complex (Bar- racks).	0	25,000
	Indiana			
MILCON, ARMY	Crane Army Ammunition Plant	Shipping and Receiving Building .....	24,000	24,000
	Korea			
MILCON, ARMY	Kunsan AB	Unmanned Aerial Vehicle Hangar .....	53,000	53,000
	New York			
MILCON, ARMY	U.S. Military Academy	Cemetery .....	22,000	22,000
	South Carolina			
MILCON, ARMY	Fort Jackson	Reception Barracks Complex, Ph1 .....	60,000	60,000
MILCON, ARMY	Shaw AFB	Mission Training Complex .....	25,000	25,000
	Texas			
MILCON, ARMY	Camp Bullis	Vehicle Maintenance Shop .....	13,600	13,600
MILCON, ARMY	Fort Hood	Vehicle Maintenance Shop .....	0	33,000
MILCON, ARMY	Fort Hood, Texas	Battalion Headquarters Complex .....	37,000	37,000
	Turkey			
MILCON, ARMY	Turkey Various	Forward Operating Site .....	6,400	6,400
	Virginia			
MILCON, ARMY	Fort Belvoir	Secure Admin/Operations Facility, Incr 3 .....	14,124	14,124
MILCON, ARMY	Joint Base Langley- Eustis	Aircraft Maintenance Instructional Bldg .....	34,000	34,000
MILCON, ARMY	Joint Base Myer-Hender- son	Security Fence .....	20,000	20,000
	Washington			
MILCON, ARMY	Joint Base Lewis- Mechord	Confinement Facility .....	66,000	0
MILCON, ARMY	Yakima	Fire Station .....	19,500	19,500
	Worldwide Unspecified			
MILCON, ARMY	Unspecified Worldwide Locations	Planning and Design .....	72,770	72,770
MILCON, ARMY	Unspecified Worldwide Locations	Host Nation Support .....	28,700	28,700
MILCON, ARMY	Unspecified Worldwide Locations	Unspecified Minor Construction .....	31,500	31,500
MILCON, ARMY	Unspecified Worldwide Locations	ERI: Planning and Design .....	0	15,700
<b>SUBTOTAL MILCON, ARMY .....</b>			<b>920,394</b>	<b>938,894</b>
<b>MIL CON, NAVY</b>				
	Arizona			
MIL CON, NAVY	Yuma	Enlisted Dining Facility & Community Bldgs .....	36,358	36,358
	California			
MIL CON, NAVY	Barstow	Combat Vehicle Repair Facility .....	36,539	36,539
MIL CON, NAVY	Camp Pendleton, Cali- fornia	Ammunition Supply Point Upgrade .....	61,139	61,139
MIL CON, NAVY	Coronado	P988 Undersea Rescue Command (URC) Oper- ations Building.	0	36,000
MIL CON, NAVY	Lemoore	F/A 18 Avionics Repair Facility Replacement .....	60,828	60,828
MIL CON, NAVY	Marine Corps Air Station Miramar	F-35 Simulator Facility .....	0	47,574
MIL CON, NAVY	Miramar	Aircraft Maintenance Hangar (INC 2) .....	39,600	39,600
MIL CON, NAVY	San Diego	P440 Pier 8 Replacement .....	0	108,000
MIL CON, NAVY	Twentynine Palms, Cali- fornia	Potable Water Treatment/Blending Facility .....	55,099	55,099

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
	<i>District of Columbia</i>			
MIL CON, NAVY	NSA Washington	Washington Navy Yard AT/FP Land Acquisition	60,000	0
MIL CON, NAVY	NSA Washington	Electronics Science and Technology Laboratory ....	37,882	37,882
	<i>Djibouti</i>			
MIL CON, NAVY	Camp Lemonier, Djibouti	Aircraft Parking Apron Expansion .....	13,390	13,390
	<i>Florida</i>			
MIL CON, NAVY	Mayport	P426 Littoral Combat Ship (LCS) Support Facility (LSF).	0	81,000
MIL CON, NAVY	Mayport	P427 Littoral Combat Ship (LCS) Training Facility (LTF).	0	29,000
MIL CON, NAVY	Mayport	Missile Magazines .....	9,824	9,824
MIL CON, NAVY	Mayport	Advanced Wastewater Treatment Plant (AWWTP)	74,994	74,994
	<i>Georgia</i>			
MIL CON, NAVY	Marine Corps Logistics Base Albany	Combat Vehicle Warehouse .....	0	43,308
	<i>Greece</i>			
MIL CON, NAVY	Souda Bay	Strategic Aircraft Parking Apron Expansion .....	22,045	22,045
	<i>Guam</i>			
MIL CON, NAVY	Joint Region Marianas	Water Well Field .....	56,088	56,088
MIL CON, NAVY	Joint Region Marianas	MALS Facilities .....	49,431	49,431
MIL CON, NAVY	Joint Region Marianas	Corrosion Control Hangar .....	66,747	66,747
MIL CON, NAVY	Joint Region Marianas	Aircraft Maintenance Hangar #2 .....	75,233	75,233
MIL CON, NAVY	Joint Region Marianas	Navy-Commercial Tie-in Hardening .....	37,180	37,180
	<i>Hawaii</i>			
MIL CON, NAVY	Joint Base Pearl Harbor-Hickam	Sewer Lift Station & Relief Sewer Line .....	73,200	73,200
MIL CON, NAVY	Kaneohe Bay	LHD Pad Conversions MV-22 Landing Pads .....	19,012	19,012
MIL CON, NAVY	Marine Corps Base Kaneohe Bay	Mokapu Gate Entry Control AT/FP Compliance ..	0	26,492
MIL CON, NAVY	Wahiaua	Communications/Crypto Facility .....	65,864	65,864
	<i>Japan</i>			
MIL CON, NAVY	Iwakuni	KC130J Enlisted Aircrew Trainer Facility .....	21,860	21,860
	<i>Maine</i>			
MIL CON, NAVY	Kittery	Paint, Blast, and Rubber Facility .....	61,692	61,692
	<i>North Carolina</i>			
MIL CON, NAVY	Camp Lejeune, North Carolina	Water Treatment Plant Replacement Hadnot Pt ..	65,784	65,784
MIL CON, NAVY	Camp Lejeune, North Carolina	Bachelor Enlisted Quarters .....	37,983	37,983
MIL CON, NAVY	Cherry Point Marine Corps Air Station	F-35B Vertical Lift Fan Test Facility .....	15,671	15,671
MIL CON, NAVY	Marine Corps Base Lejeune	Radio BN Complex, Phase 2 .....	0	64,292
	<i>Virginia</i>			
MIL CON, NAVY	Dam Neck	ISR Operations Facility Expansion .....	29,262	29,262
MIL CON, NAVY	Joint Expeditionary Base Little Creek—Story	ACU-4 Electrical Upgrades .....	2,596	2,596
MIL CON, NAVY	Marine Corps Base Quantico	TBS Fire Station Building 533 Replacement .....	0	23,738
MIL CON, NAVY	Norfolk	Chambers Field Magazine Recap Ph 1 .....	34,665	34,665
MIL CON, NAVY	Portsmouth	Ship Repair Training Facility .....	72,990	72,990
MIL CON, NAVY	Yorktown	Bachelor Enlisted Quarters .....	36,358	36,358
	<i>Washington</i>			
MIL CON, NAVY	Indian Island	Missile Magazines .....	44,440	44,440
	<i>Worldwide Unspecified</i>			
MIL CON, NAVY	Unspecified Worldwide Locations	Unspecified Minor Construction .....	23,842	23,842
MIL CON, NAVY	Unspecified Worldwide Locations	ERI: Planning and Design .....	0	18,500
MIL CON, NAVY	Unspecified Worldwide Locations	Planning and Design .....	219,069	228,069
<b>SUBTOTAL MIL CON, NAVY .....</b>			<b>1,616,665</b>	<b>2,043,569</b>
<b>MILCON, AIR FORCE</b>				
	<i>Alaska</i>			
MILCON, AIR FORCE	Eielson AFB	Repair Central Heat/Power Plant Boiler PH 4 ....	41,000	41,000
MILCON, AIR FORCE	Eielson AFB	F-35A OSS/Weapons/Intel Facility .....	11,800	11,800
MILCON, AIR FORCE	Eielson AFB	F-35A AGE Facility / Fillstand .....	21,000	21,000
MILCON, AIR FORCE	Eielson AFB	F-35A R-11 Fuel Truck Shelter .....	9,600	9,600
MILCON, AIR FORCE	Eielson AFB	F-35A Satellite Dining Facility .....	8,000	8,000
MILCON, AIR FORCE	Eielson AFB	F-35A Consolidated Munitions Admin Facility ....	27,000	27,000

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<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
MILCON, AIR FORCE	Eielson AFB	F-35A ADAL Conventional Munitions Facility ....	2,500	2,500
MILCON, AIR FORCE	Eielson AFB	F-35A Extend Utiliduct to South Loop .....	48,000	48,000
<i>Arkansas</i>				
MILCON, AIR FORCE	Little Rock AFB	Dormitory - 168 PN .....	0	20,000
<i>Australia</i>				
MILCON, AIR FORCE	Darwin	APR—Bulk Fuel Storage Tanks .....	76,000	76,000
<i>Colorado</i>				
MILCON, AIR FORCE	Buckley Air Force Base	SBIRS Operations Facility .....	38,000	38,000
MILCON, AIR FORCE	Fort Carson, Colorado	13 ASOS Expansion .....	13,000	13,000
MILCON, AIR FORCE	U.S. Air Force Academy	Air Force CyberWorx .....	30,000	30,000
<i>Estonia</i>				
MILCON, AIR FORCE	Amari Air Base	ERI: POL Capacity Phase II .....	0	4,700
MILCON, AIR FORCE	Amari Air Base	ERI: Tactical Fighter Aircraft Parking Apron ....	0	9,200
<i>Florida</i>				
MILCON, AIR FORCE	Eglin AFB	Dormitories (288 RM) .....	0	44,000
MILCON, AIR FORCE	Eglin AFB	F-35A Armament Research Fac Addition (B614) .....	8,700	8,700
MILCON, AIR FORCE	Eglin AFB	Long-Range Stand-Off Acquisition Fac .....	38,000	38,000
MILCON, AIR FORCE	Macdill AFB	KC-135 Beddown OG/MXG HQ .....	8,100	8,100
MILCON, AIR FORCE	Tyndall AFB	Fire/Crash Rescue Station .....	0	17,000
<i>Georgia</i>				
MILCON, AIR FORCE	Robins AFB	Commercial Vehicle Visitor Control Facility .....	9,800	9,800
<i>Hungary</i>				
MILCON, AIR FORCE	Kecskemet AB	ERI: Increase POL Storage Capacity .....	0	12,500
MILCON, AIR FORCE	Kecskemet AB	ERI: Construct Parallel Taxiway .....	0	30,000
MILCON, AIR FORCE	Kecskemet AB	ERI: Airfield Upgrades .....	0	12,900
<i>Iceland</i>				
MILCON, AIR FORCE	Keflavik	ERI: Airfield Upgrades .....	0	14,400
<i>Italy</i>				
MILCON, AIR FORCE	Aviano AB	Guardian Angel Operations Facility .....	27,325	27,325
<i>Kansas</i>				
MILCON, AIR FORCE	McConnell AFB	Combat Arms Facility .....	17,500	17,500
<i>Latvia</i>				
MILCON, AIR FORCE	Lielvarde Air Base	ERI: Expand Strategic Ramp Parking .....	0	3,850
<i>Luxembourg</i>				
MILCON, AIR FORCE	Sanem	ERI: ECAOS Deployable Airbase System Storage .....	0	67,400
<i>Mariana Islands</i>				
MILCON, AIR FORCE	Tinian	APR Land Acquisition .....	12,900	12,900
<i>Maryland</i>				
MILCON, AIR FORCE	Joint Base Andrews	PAR Land Acquisition .....	17,500	17,500
MILCON, AIR FORCE	Joint Base Andrews	Presidential Aircraft Recap Complex .....	254,000	58,000
<i>Massachusetts</i>				
MILCON, AIR FORCE	Hanscom AFB	Vandenberg Gate Complex .....	11,400	11,400
<i>Nevada</i>				
MILCON, AIR FORCE	Nellis AFB	Red Flag 5th Gen Facility Addition .....	23,000	23,000
MILCON, AIR FORCE	Nellis AFB	Virtual Warfare Center Operations Facility .....	38,000	38,000
<i>New Mexico</i>				
MILCON, AIR FORCE	Cannon AFB	Dangerous Cargo Pad Relocate CATM .....	42,000	42,000

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MILCON, AIR FORCE	Holloman AFB	RPA Fixed Ground Control Station Facility .....	4,250	4,250
MILCON, AIR FORCE	Kirtland AFB	Replace Fire Station 3 .....	0	9,300
MILCON, AIR FORCE	North Dakota Minot AFB	Indoor Firing Range .....	27,000	27,000
MILCON, AIR FORCE	Norway Rygge	ERI: Replace/Expand Quick Reaction Alert Pad ..	0	10,300
MILCON, AIR FORCE	Ohio Wright-Patterson AFB	Fire/Crash Rescue Station .....	0	6,800
MILCON, AIR FORCE	Oklahoma Altus AFB	Fire Rescue Center .....	0	16,000
MILCON, AIR FORCE	Altus AFB	KC-46A FTU Fuselage Trainer Phase 2 .....	4,900	4,900
MILCON, AIR FORCE	Qatar Al Udeid, Qatar	Consolidated Squadron Operations Facility .....	15,000	15,000
MILCON, AIR FORCE	Romania Campia Turzii	ERI: Upgrade Utilities Infrastructure .....	0	2,950
MILCON, AIR FORCE	Slovakia Malacky	ERI: Increase POL Storage Capacity .....	0	20,000
MILCON, AIR FORCE	Malacky	ERI: Airfield Upgrades .....	0	4,000
MILCON, AIR FORCE	Sliač Airport	ERI: Airfield Upgrades .....	0	22,000
MILCON, AIR FORCE	Texas Joint Base San Antonio	Camp Bullis Dining Facility .....	18,500	18,500
MILCON, AIR FORCE	Joint Base San Antonio	Air Traffic Control Tower .....	10,000	10,000
MILCON, AIR FORCE	Joint Base San Antonio	BMT Recruit Dormitory 7 .....	90,130	90,130
MILCON, AIR FORCE	Joint Base San Antonio	BMT Classrooms/Dining Facility 4 .....	38,000	38,000
MILCON, AIR FORCE	Turkey Incirlik AB	Dormitory—216 PN .....	25,997	25,997
MILCON, AIR FORCE	United Kingdom Royal Air Force Fairford	EIC RC-135 Intel and Squad Ops Facility .....	38,000	38,000
MILCON, AIR FORCE	Royal Air Force Fairford	EIC RC-135 Runway Overrun Reconfiguration ...	5,500	5,500
MILCON, AIR FORCE	Royal Air Force Fairford	EIC RC-135 Infrastructure .....	2,150	2,150
MILCON, AIR FORCE	Royal Air Force Lakenheath	Consolidated Corrosion Control Facility .....	20,000	20,000
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A F-15 Parking .....	10,800	10,800
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A Flight Simulator Facility .....	22,000	22,000
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A Field Training Detachment Facility .....	12,492	12,492
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A Infrastructure .....	6,700	6,700
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A 6-Bay Hangar .....	24,000	24,000
MILCON, AIR FORCE	Royal Air Force Lakenheath	F-35A Squadron Operations and AMU .....	41,000	41,000
MILCON, AIR FORCE	Utah Hill AFB	UTTR Consolidated Mission Control Center .....	28,000	28,000
MILCON, AIR FORCE	Worldwide Unspecified Locations	KC-46A Main Operating Base 4 .....	269,000	253,000
MILCON, AIR FORCE	Unspecified Worldwide Locations	Planning and Design .....	0	56,400
MILCON, AIR FORCE	Unspecified Worldwide Locations	Planning and Design .....	97,852	97,852
MILCON, AIR FORCE	Unspecified Worldwide Locations	ERI: Planning and Design .....	0	56,630
MILCON, AIR FORCE	Various Worldwide Locations	Unspecified Minor Construction .....	31,400	31,400

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<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
MILCON, AIR FORCE	Wyoming F. E. Warren AFB	Consolidated Helo/TRF Ops/AMU and Alert Fac	62,000	62,000
<b>SUBTOTAL MILCON, AIR FORCE</b>			<b>1,738,796</b>	<b>1,967,126</b>
<b>MIL CON, DEF-WIDE</b>				
California				
MIL CON, DEF-WIDE	Camp Pendleton, California	SOF Marine Battalion Company/Team Facilities	9,958	9,958
MIL CON, DEF-WIDE	Camp Pendleton, California	SOF Motor Transport Facility Expansion	7,284	7,284
MIL CON, DEF-WIDE	Camp Pendleton, California	Ambulatory Care Center Replacement	26,400	26,400
MIL CON, DEF-WIDE	Coronado	SOF Basic Training Command	96,077	96,077
MIL CON, DEF-WIDE	Coronado	SOF SEAL Team Ops Facility	66,218	66,218
MIL CON, DEF-WIDE	Coronado	SOF Logistics Support Unit One Ops Fac. #3	46,175	46,175
MIL CON, DEF-WIDE	Coronado	SOF SEAL Team Ops Facility	50,265	50,265
Colorado				
MIL CON, DEF-WIDE	Schriever AFB	Ambulatory Care Center/Dental Add./Alt.	10,200	10,200
Conus Classified				
MIL CON, DEF-WIDE	Classified Location	Battalion Complex, PH 1	64,364	64,364
Florida				
MIL CON, DEF-WIDE	Eglin AFB	SOF Simulator Facility	5,000	5,000
MIL CON, DEF-WIDE	Eglin AFB	Upgrade Open Storage Yard	4,100	4,100
MIL CON, DEF-WIDE	Hurlburt Field	SOF Simulator & Fuselage Trainer Facility	11,700	11,700
MIL CON, DEF-WIDE	Hurlburt Field	SOF Combat Aircraft Parking Apron	34,700	34,700
Georgia				
MIL CON, DEF-WIDE	Fort Gordon	Blood Donor Center Replacement	10,350	10,350
Germany				
MIL CON, DEF-WIDE	Rhine Ordnance Barracks	Medical Center Replacement Incr 7	106,700	106,700
MIL CON, DEF-WIDE	Spangdahlem AB	Spangdahlem Elementary School Replacement	79,141	79,141
MIL CON, DEF-WIDE	Stuttgart	Robinson Barracks Elem. School Replacement	46,609	46,609
Greece				
MIL CON, DEF-WIDE	Soula Bay	Construct Hydrant System	18,100	18,100
Guam				
MIL CON, DEF-WIDE	Andersen AFB	Construct Truck Load & Unload Facility	23,900	23,900
Hawaii				
MIL CON, DEF-WIDE	Kunua	NSAH Kunua Tunnel Entrance	5,000	5,000
Italy				
MIL CON, DEF-WIDE	Sigonella	Construct Hydrant System	22,400	22,400
MIL CON, DEF-WIDE	Vicenza	Vicenza High School Replacement	62,406	62,406
Japan				
MIL CON, DEF-WIDE	Iwakuni	Construct Bulk Storage Tanks PH 1	30,800	30,800
MIL CON, DEF-WIDE	Kadena AB	SOF Special Tactics Operations Facility	27,573	27,573
MIL CON, DEF-WIDE	Kadena AB	SOF Maintenance Hangar	3,972	3,972
MIL CON, DEF-WIDE	Okinawa	Replace Mooring System	11,900	11,900
MIL CON, DEF-WIDE	Sasebo	Upgrade Fuel Wharf	45,600	45,600
MIL CON, DEF-WIDE	Torii Commo Station	SOF Tactical Equipment Maintenance Fac	25,323	25,323
MIL CON, DEF-WIDE	Yokota AB	Hangar/Aircraft Maintenance Unit	12,034	12,034
MIL CON, DEF-WIDE	Yokota AB	Operations and Warehouse Facilities	8,590	8,590

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<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
MIL CON, DEF-WIDE	Yokota AB	Simulator Facility .....	2,189	2,189
MIL CON, DEF-WIDE	Yokota AB	Airfield Apron .....	10,800	10,800
<i>Maryland</i>				
MIL CON, DEF-WIDE	Bethesda Naval Hospital	Medical Center Addition/Alteration Iner 2 .....	123,800	123,800
MIL CON, DEF-WIDE	Fort Meade	NSAW Recapitalize Building #2 Iner 3 .....	313,968	313,968
<i>Missouri</i>				
MIL CON, DEF-WIDE	Fort Leonard Wood	Hospital Replacement Ph 1 .....	250,000	50,000
MIL CON, DEF-WIDE	Fort Leonard Wood	Blood Processing Center Repalcement .....	11,941	11,941
MIL CON, DEF-WIDE	St Louis	Next NGA West (N2W) Complex Ph1 .....	381,000	50,000
<i>New Mexico</i>				
MIL CON, DEF-WIDE	Cannon AFB	SOF C-130 Age Facility .....	8,228	8,228
<i>North Carolina</i>				
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	SOF Human Performance Training Center .....	10,800	10,800
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	SOF Motor Transport Maintenance Expansion ...	20,539	20,539
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	Ambulatory Care Center Addition/Alteration .....	15,300	15,300
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	Ambulatory Care Center/Dental Clinic .....	21,400	21,400
MIL CON, DEF-WIDE	Camp Lejeune, North Carolina	Ambulatory Care Center/Dental Clinic .....	22,000	22,000
MIL CON, DEF-WIDE	Fort Bragg	SOF Support Battalion Admin Facility .....	13,518	13,518
MIL CON, DEF-WIDE	Fort Bragg	SOF Human Performance Training Ctr .....	20,260	20,260
MIL CON, DEF-WIDE	Fort Bragg	SOF Tactical Equipment Maintenance Facility ...	20,000	20,000
MIL CON, DEF-WIDE	Fort Bragg	SOF Telecomm Reliability Improvements .....	4,000	4,000
MIL CON, DEF-WIDE	Seymour Johnson AFB	Construct Tanker Truck Delivery System .....	20,000	20,000
<i>Puerto Rico</i>				
MIL CON, DEF-WIDE	Punta Borinquen	Ramey Unit School Replacement .....	61,071	61,071
<i>South Carolina</i>				
MIL CON, DEF-WIDE	Shaw AFB	Consolidate Fuel Facilities .....	22,900	22,900
<i>Texas</i>				
MIL CON, DEF-WIDE	Fort Bliss	Blood Processing Center .....	8,300	8,300
MIL CON, DEF-WIDE	Fort Bliss	Hospital Replacement Iner 8 .....	251,330	251,330
<i>United Kingdom</i>				
MIL CON, DEF-WIDE	Menwith Hill Station	RAFMH Main Gate Rehabilitation .....	11,000	11,000
<i>Utah</i>				
MIL CON, DEF-WIDE	Hill AFB	Replace POL Facilities .....	20,000	20,000
<i>Virginia</i>				
MIL CON, DEF-WIDE	Joint Expeditionary Base Little Creek—Story	SOF SATEC Range Expansion .....	23,000	23,000
MIL CON, DEF-WIDE	Norfolk	Replace Hazardous Materials Warehouse .....	18,500	18,500
MIL CON, DEF-WIDE	Pentagon	Security Updates .....	13,260	13,260
MIL CON, DEF-WIDE	Pentagon	Pentagon Corr 8 Pedestrian Access Control Pt .....	8,140	8,140
MIL CON, DEF-WIDE	Pentagon	S.E. Safety Traffic and Parking Improvements ...	28,700	28,700
MIL CON, DEF-WIDE	Portsmouth	Replace Harardous Materials Warehouse .....	22,500	22,500
<i>Worldwide Unspecified</i>				
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction .....	8,000	8,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design .....	26,147	26,147
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design .....	39,746	39,746

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MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,000	3,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction .....	7,384	7,384
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	ERL Planning and Design .....	0	1,900
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design .....	1,150	1,150
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning & Design .....	23,012	23,012
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction .....	2,039	2,039
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Energy Resilience and Conserv. Invest. Prog. ....	150,000	176,500
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Contingency Construction .....	10,000	10,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,000	3,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design .....	13,500	13,500
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	ERCIP Design .....	10,000	10,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,000	3,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design .....	20,000	20,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design .....	40,220	40,220
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Unspecified Minor Construction .....	10,000	10,000
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Exercise Related Minor Construction .....	11,490	11,490
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design .....	0	1,150
MIL CON, DEF-WIDE	Unspecified Worldwide Locations	Planning and Design .....	1,942	1,942
<b>SUBTOTAL MIL CON, DEF-WIDE .....</b>			<b>3,114,913</b>	<b>2,613,463</b>
<b>MILCON, ARNG</b>				
<i>Delaware</i>				
MILCON, ARNG	New Castle	Combined Support Maintenance Shop .....	36,000	36,000
<i>Idaho</i>				
MILCON, ARNG	Mission Training Center Gowen	Enlisted Barracks, Transient Training .....	0	9,000
MILCON, ARNG	Orchard Training Area	Digital Air/Ground Integration Range .....	22,000	22,000
<i>Iowa</i>				
MILCON, ARNG	Camp Dodge	Vehicle Maintenance Instructional Facility .....	0	8,500
<i>Kansas</i>				
MILCON, ARNG	Fort Leavenworth	Enlisted Barracks, Transient Training .....	0	19,000
<i>Maine</i>				
MILCON, ARNG	Presque Isle	National Guard Readiness Center .....	17,500	17,500
<i>Maryland</i>				
MILCON, ARNG	Sykesville	National Guard Readiness Center .....	19,000	19,000
<i>Minnesota</i>				
MILCON, ARNG	Arden Hills	National Guard Readiness Center .....	39,000	39,000
<i>Missouri</i>				
MILCON, ARNG	Springfield	Aircraft Maintenance Hangar (Addition) .....	0	32,000
<i>New Mexico</i>				
MILCON, ARNG	Las Cruces	National Guard Readiness Center Addition .....	8,600	8,600
<i>Virginia</i>				
MILCON, ARNG	Fort Belvoir	National Guard Readiness Center .....	0	15,000
MILCON, ARNG	Fort Pickett	Training Aids Center .....	4,550	4,550
<i>Washington</i>				
MILCON, ARNG	Tumwater	National Guard Readiness Center .....	31,000	31,000
<i>Worldwide Unspecified</i>				
MILCON, ARNG	Unspecified Worldwide Locations	Unspecified Minor Construction .....	16,731	16,731
MILCON, ARNG	Unspecified Worldwide Locations	Planning and Design .....	16,271	16,271
<b>SUBTOTAL MILCON, ARNG .....</b>			<b>210,652</b>	<b>294,152</b>
<b>MILCON, ANG</b>				
<i>California</i>				
MILCON, ANG	March AFB	TFI Construct RPA Flight Training Unit .....	15,000	15,000
<i>Colorado</i>				
MILCON, ANG	Peterson AFB	Space Control Facility .....	8,000	8,000

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<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
MILCON, ANG	Connecticut Bradley IAP	Construct Base Entry Complex .....	7,000	7,000
MILCON, ANG	Indiana Hulman Regional Airport	Construct Small Arms Range .....	0	8,000
MILCON, ANG	Kentucky Louisville IAP	Add/Alter Response Forces Facility .....	9,000	9,000
MILCON, ANG	Mississippi Jackson International Airport	Construct Small Arms Range .....	0	8,000
MILCON, ANG	Missouri Rosecrans Memorial Airport	Replace Communications Facility .....	10,000	10,000
MILCON, ANG	New York Hancock Field	Add to Flight Training Unit, Building 641 .....	6,800	6,800
MILCON, ANG	Ohio Toledo Express Airport	NORTHCOM—Construct Alert Hangar .....	15,000	15,000
MILCON, ANG	Oklahoma Tulsa International Airport	Construct Small Arms Range .....	0	8,000
MILCON, ANG	Oregon Klamath Falls IAP	Construct Corrosion Control Hangar .....	10,500	10,500
MILCON, ANG	Klamath Falls IAP	Construct Indoor Range .....	8,000	8,000
MILCON, ANG	South Dakota Joe Foss Field	Aircraft Maintenance Shops .....	12,000	12,000
MILCON, ANG	Tennessee McGhee-Tyson Airport	Replace KC-135 Maintenance Hangar and Shops	25,000	25,000
MILCON, ANG	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design .....	0	2,000
MILCON, ANG	Unspecified Worldwide Locations	Planning and Design .....	18,000	18,000
MILCON, ANG	Unspecified Worldwide Locations	Unspecified Minor Construction .....	17,191	17,191
<b>SUBTOTAL MILCON, ANG</b> .....			<b>161,491</b>	<b>187,491</b>
<b>MILCON, ARMY R</b>				
MILCON, ARMY R	California Fallbrook	Army Reserve Center .....	36,000	36,000
MILCON, ARMY R	Delaware Newark	Army Reserve Center .....	0	19,500
MILCON, ARMY R	Ohio Wright-Patterson AFB	Area Maintenance Support Activity .....	0	9,100
MILCON, ARMY R	Puerto Rico Aguadilla	Army Reserve Center .....	12,400	12,400
MILCON, ARMY R	Washington Joint Base Lewis-McChord	Army Reserve Center .....	0	30,000
MILCON, ARMY R	Wisconsin Fort McCoy	AT/MOB Dining Facility—1428 PN .....	13,000	13,000
MILCON, ARMY R	Worldwide Unspecified Unspecified Worldwide Locations	Planning and Design .....	6,887	6,887
MILCON, ARMY R	Unspecified Worldwide Locations	Unspecified Minor Construction .....	5,425	5,425
<b>SUBTOTAL MILCON, ARMY R</b> .....			<b>73,712</b>	<b>132,312</b>
<b>MIL CON, NAVY RES</b>				
MIL CON, NAVY RES	California Lemoore	Naval Operational Support Center Lemoore .....	17,330	17,330
MIL CON, NAVY RES	Georgia Fort Gordon	Naval Operational Support Center Fort Gordon ...	17,797	17,797
MIL CON, NAVY RES	New Jersey Joint Base McGuire-Dix-Lakehurst	Aircraft Apron, Taxiway & Support Facilities ....	11,573	11,573
MIL CON, NAVY RES	Texas Fort Worth	KC130-J Eacts Facility .....	12,637	12,637
MIL CON, NAVY RES	Worldwide Unspecified Unspecified Worldwide Locations	Unspecified Minor Construction .....	1,504	1,504
MIL CON, NAVY RES	Unspecified Worldwide Locations	Planning & Design .....	4,430	4,430
<b>SUBTOTAL MIL CON, NAVY RES</b> .....			<b>65,271</b>	<b>65,271</b>
<b>MILCON, AF RES</b>				
	Florida			

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
MILCON, AF RES	Patrick AFB Georgia	Guardian Angel Facility .....	25,000	25,000
MILCON, AF RES	Robins AFB Guam	Consolidated Mission Complex Phase 2 .....	0	32,000
MILCON, AF RES	Joint Region Marianas Hawaii	Reserve Medical Training Facility .....	5,200	5,200
MILCON, AF RES	Joint Base Pearl Harbor-Hickam Massachusetts	Consolidated Training Facility .....	5,500	5,500
MILCON, AF RES	Westover ARB	Indoor Small Arms Range .....	10,000	10,000
MILCON, AF RES	Westover ARB	Maintenance Facility Shops .....	0	51,100
MILCON, AF RES	Minnesota Minneapolis-St Paul IAP	Indoor Small Arms Range .....	0	9,000
MILCON, AF RES	North Carolina Seymour Johnson AFB	KC-46A ADAL for Alt Mission Storage .....	6,400	6,400
MILCON, AF RES	Texas NAS JRB Fort Worth	Munitions Training/Admin Facility .....	0	3,100
MILCON, AF RES	Utah Hill AFB	Add/Alter Life Support Facility .....	3,100	3,100
MILCON, AF RES	Worldwide Unspecified Unspecified Worldwide Locations	Planning & Design .....	0	13,500
MILCON, AF RES	Unspecified Worldwide Locations	Planning & Design .....	4,725	4,725
MILCON, AF RES	Unspecified Worldwide Locations	Unspecified Minor Construction .....	3,610	3,610
<b>SUBTOTAL MILCON, AF RES .....</b>			<b>63,535</b>	<b>172,235</b>
<b>NATO SEC INV PRGM</b>				
NATO SEC INV PRGM	Worldwide Unspecified Nato Security Investment Program	Nato Security Investment Program .....	154,000	154,000
<b>SUBTOTAL NATO SEC INV PRGM .....</b>			<b>154,000</b>	<b>154,000</b>
<b>TOTAL MILITARY CONSTRUCTION .....</b>			<b>8,119,429</b>	<b>8,568,513</b>
<b>FAMILY HOUSING</b>				
<b>FAM HSG CON, ARMY</b>				
FAM HSG CON, ARMY	Georgia Fort Gordon	Family Housing New Construction .....	6,100	6,100
FAM HSG CON, ARMY	Germany Baumholder	Construction Improvements .....	34,156	34,156
FAM HSG CON, ARMY	South Camp Vilsack	Family Housing New Construction (36 Units) .....	22,445	22,445
FAM HSG CON, ARMY	Korea Camp Humphreys	Family Housing New Construction Incr 2 .....	34,402	34,402
FAM HSG CON, ARMY	Kuujalein Kuujalein Atoll	Family Housing Replacement Construction .....	31,000	0
FAM HSG CON, ARMY	Massachusetts Natick	Family Housing Replacement Construction .....	21,000	21,000
FAM HSG CON, ARMY	Worldwide Unspecified Unspecified Worldwide Locations	Planning & Design .....	33,559	33,559
<b>SUBTOTAL FAM HSG CON, ARMY .....</b>			<b>182,662</b>	<b>151,662</b>
<b>FAM HSG O&amp;M, ARMY</b>				
FAM HSG O&M, ARMY	Worldwide Unspecified Unspecified Worldwide Locations	Management .....	37,089	37,089
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Services .....	8,930	8,930
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Furnishings .....	12,816	12,816
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Miscellaneous .....	400	400
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Maintenance .....	57,708	57,708
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Utilities .....	60,251	60,251
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Leasing .....	148,538	148,538

**SEC. 4601. MILITARY CONSTRUCTION**  
*(In Thousands of Dollars)*

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
FAM HSG O&M, ARMY	Unspecified Worldwide Locations	Housing Privatization Support .....	20,893	20,893
<b>SUBTOTAL FAM HSG O&amp;M, ARMY .....</b>			<b>346,625</b>	<b>346,625</b>
<b>FAM HSG CON, N/MC</b>				
FAM HSG CON, N/ MC	Bahrain Island SW Asia	Construct On-Base GFOQ .....	2,138	2,138
FAM HSG CON, N/ MC	Mariana Islands Guam	Replace Andersen Housing PH II .....	40,875	0
FAM HSG CON, N/ MC	Worldwide Unspecified Unspecified Worldwide Locations	Construction Improvements .....	36,251	36,251
FAM HSG CON, N/ MC	Unspecified Worldwide Locations	Planning & Design .....	4,418	4,418
<b>SUBTOTAL FAM HSG CON, N/MC .....</b>			<b>83,682</b>	<b>42,807</b>
<b>FAM HSG O&amp;M, N/MC</b>				
FAM HSG O&M, N/ MC	Worldwide Unspecified Unspecified Worldwide Locations	Utilities .....	62,167	62,167
FAM HSG O&M, N/ MC	Unspecified Worldwide Locations	Furnishings .....	14,529	14,529
FAM HSG O&M, N/ MC	Unspecified Worldwide Locations	Management .....	50,989	50,989
FAM HSG O&M, N/ MC	Unspecified Worldwide Locations	Miscellaneous .....	336	336
FAM HSG O&M, N/ MC	Unspecified Worldwide Locations	Services .....	15,649	15,649
FAM HSG O&M, N/ MC	Unspecified Worldwide Locations	Leasing .....	61,921	61,921
FAM HSG O&M, N/ MC	Unspecified Worldwide Locations	Maintenance .....	95,104	95,104
FAM HSG O&M, N/ MC	Unspecified Worldwide Locations	Housing Privatization Support .....	27,587	27,587
<b>SUBTOTAL FAM HSG O&amp;M, N/MC .....</b>			<b>328,282</b>	<b>328,282</b>
<b>FAM HSG CON, AF</b>				
FAM HSG CON, AF	Worldwide Unspecified Unspecified Worldwide Locations	Construction Improvements .....	80,617	80,617
FAM HSG CON, AF	Unspecified Worldwide Locations	Planning & Design .....	4,445	4,445
<b>SUBTOTAL FAM HSG CON, AF .....</b>			<b>85,062</b>	<b>85,062</b>
<b>FAM HSG O&amp;M, AF</b>				
FAM HSG O&M, AF	Worldwide Unspecified Unspecified Worldwide Locations	Housing Privatization .....	21,569	21,569
FAM HSG O&M, AF	Unspecified Worldwide Locations	Utilities .....	47,504	47,504
FAM HSG O&M, AF	Unspecified Worldwide Locations	Management .....	53,464	53,464
FAM HSG O&M, AF	Unspecified Worldwide Locations	Services .....	13,517	13,517
FAM HSG O&M, AF	Unspecified Worldwide Locations	Furnishings .....	29,424	29,424
FAM HSG O&M, AF	Unspecified Worldwide Locations	Miscellaneous .....	1,839	1,839
FAM HSG O&M, AF	Unspecified Worldwide Locations	Leasing .....	16,818	16,818
FAM HSG O&M, AF	Unspecified Worldwide Locations	Maintenance .....	134,189	134,189
<b>SUBTOTAL FAM HSG O&amp;M, AF .....</b>			<b>318,324</b>	<b>318,324</b>
<b>FAM HSG O&amp;M, DW</b>				
FAM HSG O&M, DW	Worldwide Unspecified Unspecified Worldwide Locations	Utilities .....	4,100	4,100
FAM HSG O&M, DW	Unspecified Worldwide Locations	Furnishings .....	407	407
FAM HSG O&M, DW	Unspecified Worldwide Locations	Utilities .....	268	268

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
FAM HSG O&M, DW	Unspecified Worldwide Locations	Leasing .....	12,390	12,390
FAM HSG O&M, DW	Unspecified Worldwide Locations	Maintenance .....	655	655
FAM HSG O&M, DW	Unspecified Worldwide Locations	Furnishings .....	641	641
FAM HSG O&M, DW	Unspecified Worldwide Locations	Leasing .....	39,716	39,716
FAM HSG O&M, DW	Unspecified Worldwide Locations	Furnishings .....	6	6
FAM HSG O&M, DW	Unspecified Worldwide Locations	Services .....	14	14
FAM HSG O&M, DW	Unspecified Worldwide Locations	Utilities .....	86	86
FAM HSG O&M, DW	Unspecified Worldwide Locations	Maintenance .....	567	567
FAM HSG O&M, DW	Unspecified Worldwide Locations	Management .....	319	319
<b>SUBTOTAL FAM HSG O&amp;M, DW</b> .....			<b>59,169</b>	<b>59,169</b>
<b>FAM HSG IMPROVE FUND</b>				
FAM HSG IMPROVE FUND	Worldwide Unspecified Locations	Administrative Expenses—Phif .....	2,726	2,726
<b>SUBTOTAL FAM HSG IMPROVE FUND</b> .....			<b>2,726</b>	<b>2,726</b>
<b>TOTAL FAMILY HOUSING</b> .....			<b>1,406,532</b>	<b>1,334,657</b>
<b>DEFENSE BASE REALIGNMENT AND CLOSURE</b>				
<b>DOD BRAC—ARMY</b>				
DOD BRAC—ARMY	Worldwide Unspecified Base Realignment & Closure, Army	Base Realignment and Closure .....	58,000	58,000
<b>SUBTOTAL DOD BRAC—ARMY</b> .....			<b>58,000</b>	<b>58,000</b>
<b>DOD BRAC—NAVY</b>				
DOD BRAC—NAVY	Worldwide Unspecified Base Realignment & Closure, Navy	Base Realignment & Closure .....	93,474	93,474
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-172: NWS Seal Beach, Concord, CA .....	5,355	5,355
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-138: NAS Brunswick, ME .....	647	647
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-157: MCSA Kansas City, MO .....	40	40
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-84: JRB Willow Grove & Cambria Reg AP .....	4,737	4,737
DOD BRAC—NAVY	Unspecified Worldwide Locations	Undistributed .....	7,210	7,210
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-100: Planning, Design and Management .....	8,428	8,428
DOD BRAC—NAVY	Unspecified Worldwide Locations	DON-101: Various Locations .....	23,753	23,753
<b>SUBTOTAL DOD BRAC—NAVY</b> .....			<b>143,644</b>	<b>143,644</b>
<b>DOD BRAC—AIR FORCE</b>				
DOD BRAC—AIR FORCE	Worldwide Unspecified Locations	DoD BRAC Activities—Air Force .....	54,223	54,223
<b>SUBTOTAL DOD BRAC—AIR FORCE</b> .....			<b>54,223</b>	<b>54,223</b>
<b>TOTAL DEFENSE BASE REALIGNMENT AND CLOSURE</b> .....			<b>255,867</b>	<b>255,867</b>
<b>UNACCOMP HSG IMPRV FUND</b>				
UNACCOMP HSG IMPRV FUND	Worldwide Unspecified Unaccompanied Housing Improvement Fund	Administrative Expenses—UIHF .....	623	623
<b>SUBTOTAL UNACCOMP HSG IMPRV FUND</b> .....			<b>623</b>	<b>623</b>
<b>TOTAL UNACCOMP HSG IMPRV FUND</b> .....			<b>623</b>	<b>623</b>

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

<b>Account</b>	<b>State/Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
<b>TOTAL MILITARY CONSTRUCTION, FAMILY HOUSING, AND BRAC</b>			<b>9,782,451</b>	<b>10,159,660</b>

**1 SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-**  
**2 TINGENCY OPERATIONS.**

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

<b>Account</b>	<b>State or Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
<b>MILITARY CONSTRUCTION</b>				
<b>MILCON, ARMY</b>				
	<i>Guantanamo Bay, Cuba</i>			
MILCON, ARMY	Guantanamo Bay	OCO: Barracks	115,000	115,000
	<i>Worldwide Unspecified</i>			
MILCON, ARMY	Unspecified Worldwide	ERI: Planning and Design	15,700	0
	<i>Locations</i>			
MILCON, ARMY	Unspecified Worldwide	OCO: Planning and Design	9,000	9,000
	<i>Locations</i>			
<b>SUBTOTAL MILCON, ARMY</b>			<b>139,700</b>	<b>124,000</b>
<b>MIL CON, NAVY</b>				
	<i>Worldwide Unspecified</i>			
MIL CON, NAVY	Unspecified Worldwide	ERI: Planning and Design	18,500	0
	<i>Locations</i>			
<b>SUBTOTAL MIL CON, NAVY</b>			<b>18,500</b>	<b>0</b>
<b>MILCON, AIR FORCE</b>				
	<i>Estonia</i>			
MILCON, AIR FORCE	Amari Air Base	ERI: POL Capacity Phase II	4,700	0
MILCON, AIR FORCE	Amari Air Base	ERI: Tactical Fighter Aircraft Parking Apron	9,200	0
	<i>Hungary</i>			
MILCON, AIR FORCE	Kecskeket AB	ERI: Increase POL Storage Capacity	12,500	0
MILCON, AIR FORCE	Kecskeket AB	ERI: Construct Parallel Taxiway	30,000	0
MILCON, AIR FORCE	Kecskeket AB	ERI: Airfield Upgrades	12,900	0
	<i>Iceland</i>			
MILCON, AIR FORCE	Keflavik	ERI: Airfield Upgrades	14,400	0
	<i>Jordan</i>			
MILCON, AIR FORCE	Azraq	OCO: MSAB Development	143,000	143,000
	<i>Latvia</i>			
MILCON, AIR FORCE	Lielvarde Air Base	ERI: Expand Strategic Ramp Parking	3,850	0
	<i>Luxembourg</i>			
MILCON, AIR FORCE	Sanem	ERI: ECAOS Deployable Airbase System Storage	67,400	0
	<i>Norway</i>			
MILCON, AIR FORCE	Rygge	ERI: Replace/Expand Quick Reaction Alert Pad	10,300	0
	<i>Romania</i>			
MILCON, AIR FORCE	Campia Turzii	ERI: Upgrade Utilities Infrastructure	2,950	0
	<i>Slovakia</i>			
MILCON, AIR FORCE	Malacky	ERI: Increase POL Storage Capacity	20,000	0
MILCON, AIR FORCE	Malacky	ERI: Airfield Upgrades	4,000	0
MILCON, AIR FORCE	Sliac Airport	ERI: Airfield Upgrades	22,000	0
	<i>Turkey</i>			
MILCON, AIR FORCE	Incirtik AB	OCO: Replace Perimeter Fence	8,100	8,100
MILCON, AIR FORCE	Incirtik AB	OCO: Relocate Base Main Access Control Point	14,600	14,600
	<i>Worldwide Unspecified</i>			

<b>SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS</b> (In Thousands of Dollars)				
<b>Account</b>	<b>State or Country and Installation</b>	<b>Project Title</b>	<b>Budget Request</b>	<b>Senate Authorized</b>
MILCON, AIR FORCE	Unspecified Worldwide Locations	ERI: Planning and Design .....	56,630	0
MILCON, AIR FORCE	Unspecified Worldwide Locations	OCO—Planning and Design .....	41,500	41,500
<b>SUBTOTAL MILCON, AIR FORCE .....</b>			<b>478,030</b>	<b>207,200</b>
<b>MIL CON, DEF-WIDE</b>				
MIL CON, DEF-WIDE	Worldwide Unspecified Unspecified Worldwide Locations	ERI: Planning and Design .....	1,900	0
<b>SUBTOTAL MIL CON, DEF-WIDE .....</b>			<b>1,900</b>	<b>0</b>
<b>TOTAL MILITARY CONSTRUCTION .....</b>			<b>638,130</b>	<b>331,200</b>
<b>TOTAL MILITARY CONSTRUCTION, FAMILY HOUSING, AND BRAC .....</b>			<b>638,130</b>	<b>331,200</b>

1 **TITLE XLVII—DEPARTMENT OF**  
 2 **ENERGY NATIONAL SECURITY**  
 3 **PROGRAMS**  
 4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**  
 5 **PROGRAMS.**

<b>SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS</b> (In Thousands of Dollars)			
<b>Program</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>	
<b>Discretionary Summary by Appropriation</b>			
<b>Energy and Water Development and Related Agencies</b>			
<b>Appropriation Summary:</b>			
<b>Energy Programs</b>			
Nuclear energy .....	133,000	133,000	
<b>Atomic Energy Defense Activities</b>			
<b>National nuclear security administration:</b>			
Weapons activities .....	10,239,344	10,512,944	
Defense nuclear nonproliferation .....	1,793,310	2,043,607	
Naval reactors .....	1,479,751	1,517,751	
Federal Salaries and Expenses .....	418,595	418,595	
<b>Total, National nuclear security administration .....</b>	<b>13,931,000</b>	<b>14,492,897</b>	
<b>Environmental and other defense activities:</b>			
Other defense activities .....	815,512	815,512	
Defense nuclear waste disposal .....	30,000	30,000	
<b>Total, Environmental &amp; other defense activities .....</b>	<b>845,512</b>	<b>845,512</b>	
<b>Total, Atomic Energy Defense Activities .....</b>	<b>14,776,512</b>	<b>15,338,409</b>	
<b>Subtotal, Energy And Water Development and Related Agencies .....</b>	<b>14,909,512</b>	<b>15,471,409</b>	
Defense EM funded .....	5,537,186	5,537,186	
Uranium enrichment D&D fund contribution .....	0	0	
<b>Total, Discretionary Funding .....</b>	<b>20,446,698</b>	<b>21,008,595</b>	
<b>Nuclear Energy</b>			
Idaho site-wide safeguards and security .....	133,000	133,000	
<b>Total, Nuclear Energy .....</b>	<b>133,000</b>	<b>133,000</b>	
Defense (050) function.....(non-add) .....	( 133,000)	-133,000	
<b>Weapons Activities</b>			
<b>Directed stockpile work</b>			

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
<b>Life extension programs and major alterations</b>		
B61 Life extension program .....	788,572	788,572
W76 Life extension program .....	224,134	224,134
W88 Alt 370 .....	0	0
W88 Alteration program .....	332,292	332,292
W80-4 Life extension program .....	399,090	399,090
<b>Total, Life extension programs and major alterations .....</b>	<b>1,744,088</b>	<b>1,744,088</b>
<b>Stockpile systems</b>		
B61 Stockpile systems .....	59,729	59,729
W76 Stockpile systems .....	51,400	51,400
W78 Stockpile systems .....	60,100	60,100
W80 Stockpile systems .....	80,087	80,087
B83 Stockpile systems .....	35,762	35,762
W87 Stockpile systems .....	83,200	83,200
W88 Stockpile systems .....	131,576	131,576
<b>Total, Stockpile systems .....</b>	<b>501,854</b>	<b>501,854</b>
<b>Weapons dismantlement and disposition</b>		
Operations and maintenance .....	52,000	52,000
<b>Stockpile services</b>		
Production support .....	470,400	470,400
Research and development support .....	31,150	31,150
R&D certification and safety .....	196,840	217,740
Program increase for technology maturation .....		[20,900]
Management, technology, and production .....	285,400	285,400
<b>Total, Stockpile services .....</b>	<b>983,790</b>	<b>1,004,690</b>
<b>Strategic materials</b>		
Uranium sustainment .....	20,579	20,579
Plutonium sustainment .....	210,367	210,367
Tritium sustainment .....	198,152	198,152
Domestic uranium enrichment .....	60,000	60,000
Strategic materials sustainment .....	206,196	206,196
<b>Total, Strategic materials .....</b>	<b>695,294</b>	<b>695,294</b>
<b>Total, Directed stockpile work .....</b>	<b>3,977,026</b>	<b>3,997,926</b>
<b>Research, development, test evaluation (RDT&amp;E)</b>		
<b>Science</b>		
Advanced certification .....	57,710	57,710
Primary assessment technologies .....	89,313	89,313
Dynamic materials properties .....	122,347	122,347
Advanced radiography .....	37,600	37,600
Secondary assessment technologies .....	76,833	76,833
Academic alliances and partnerships .....	52,963	52,963
Enhanced Capabilities for Subcritical Experiments .....	50,755	65,755
Radiography project completion .....		[15,000]
<b>Total, Science .....</b>	<b>487,521</b>	<b>502,521</b>
<b>Engineering</b>		
Enhanced surety .....	39,717	52,017
Program increase for technology maturation .....		[12,300]
Weapon systems engineering assessment technology .....	23,029	23,029
Nuclear survivability .....	45,230	45,230
Enhanced surveillance .....	45,147	45,147
Stockpile Responsiveness .....	40,000	50,000
Program increase .....		[10,000]
<b>Total, Engineering .....</b>	<b>193,123</b>	<b>215,423</b>
<b>Inertial confinement fusion ignition and high yield</b>		
Ignition .....	79,575	79,575
Support of other stockpile programs .....	23,565	23,565
Diagnostics, cryogenics and experimental support .....	77,915	77,915
Pulsed power inertial confinement fusion .....	7,596	7,596
Joint program in high energy density laboratory plasmas .....	9,492	9,492
Facility operations and target production .....	334,791	346,791
Support increased shot rates .....		[12,000]
<b>Total, Inertial confinement fusion and high yield .....</b>	<b>532,934</b>	<b>544,934</b>

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
<b>Advanced simulation and computing</b>		
Advanced simulation and computing .....	709,244	709,244
<b>Construction:</b>		
18-D-670, Exascale Class Computer Cooling Equipment, LNL ..	22,000	22,000
18-D-620, Exascale Computing Facility Modernization Project .....	3,000	3,000
<b>Total, Construction</b> .....	<b>25,000</b>	<b>25,000</b>
<b>Total, Advanced simulation and computing</b> .....	<b>734,244</b>	<b>734,244</b>
<b>Advanced manufacturing development</b>		
Additive manufacturing .....	12,000	24,000
Program increase for research and infrastructure .....		[12,000]
Component manufacturing development .....	38,644	75,044
Improve production efficiency .....		[36,400]
Process technology development .....	29,896	29,896
<b>Total, Advanced manufacturing development</b> .....	<b>80,540</b>	<b>128,940</b>
<b>Total, RDT&amp;E</b> .....	<b>2,028,362</b>	<b>2,126,062</b>
<b>Infrastructure and operations</b>		
<b>Operating</b>		
<b>Operations of facilities</b>		
Operations of facilities .....	868,000	868,000
Kansas City National Security Campus .....	0	0
Lawrence Livermore National Laboratory .....	0	0
Los Alamos National Laboratory .....	0	0
Nevada National Security Site .....	0	0
Pantex .....	0	0
Sandia National Laboratories .....	0	0
Savannah River Site .....	0	0
Y-12 National security complex .....	0	0
<b>Total, Operations of facilities</b> .....	<b>868,000</b>	<b>868,000</b>
Safety and environmental operations .....	116,000	116,000
Maintenance and repair of facilities .....	360,000	410,000
Reduce deferred maintenance backlog .....		[50,000]
Recapitalization .....	427,342	527,342
Reduce deferred maintenance backlog .....		[100,000]
<b>Construction:</b>		
18-D-660, Fire Station, Y-12 .....	28,000	28,000
18-D-650, Tritium Production Capability, SRS .....	6,800	6,800
17-D-640, U1a Complex Enhancements Project, NNSS .....	22,100	22,100
17-D-630, Expand Electrical Distribution System, LLNL .....	6,000	6,000
17-D-126, PF-4 reconfiguration project, LANL .....	0	0
17-D-125, RLOUB reconfiguration project, LANL .....	0	0
16-D-621 TA-3 substation replacement, LANL .....	0	0
16-D-515 Albuquerque complex project .....	98,000	98,000
15-D-613 Emergency Operations Center, Y-12 .....	7,000	7,000
15-D-302, TA-55 Reinvestment project, Phase 3, LANL .....	0	0
11-D-801 TA-55 Reinvestment project Phase 2, LANL .....	0	0
07-D-220 Radioactive liquid waste treatment facility upgrade project, LANL .....	2,100	2,100
07-D-220-04 Transuranic liquid waste facility, LANL .....	17,895	17,895
06-D-141 Uranium processing facility Y-12, Oak Ridge, TN .....	663,000	663,000
<b>Chemistry and metallurgy replacement (CMRR)</b>		
04-D-125 Chemistry and metallurgy research facility replace- ment project, LANL .....	180,900	180,900
04-D-125-04 RLUOB equipment installation .....	0	0
04-D-125-05 PF-4 equipment installation .....	0	0
<b>Total, Chemistry and metallurgy replacement (CMRR)</b> .....	<b>180,900</b>	<b>180,900</b>
<b>Total, Construction</b> .....	<b>1,031,795</b>	<b>1,031,795</b>
<b>Total, Infrastructure and operations</b> .....	<b>2,803,137</b>	<b>2,953,137</b>
<b>Secure transportation asset</b>		
Operations and equipment .....	219,464	219,464
Program direction .....	105,600	105,600
<b>Total, Secure transportation asset</b> .....	<b>325,064</b>	<b>325,064</b>
<b>Defense nuclear security</b>		
Operations and maintenance .....	686,977	691,977
Reduce deferred maintenance backlog .....		[5,000]
Security improvements program .....	0	0

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
<b>Construction:</b>		
17-D-710 West end protected area reduction project, Y-12 .....	0	0
14-D-710 Device assembly facility argus installation project, NNSS, NV .....	0	0
<b>Total, Defense nuclear security .....</b>	<b>686,977</b>	<b>691,977</b>
Information technology and cybersecurity .....	186,728	186,728
Legacy contractor pensions .....	232,050	232,050
<b>Subtotal, Weapons activities .....</b>	<b>10,239,344</b>	<b>10,512,944</b>
<b>Adjustments</b>		
Use of prior year balances .....	0	0
<b>Subtotal, Weapons activities .....</b>	<b>10,239,344</b>	<b>10,512,944</b>
<b>Rescission</b>		
Rescission of prior year balances .....	0	0
<b>Total, Weapons Activities .....</b>	<b>10,239,344</b>	<b>10,512,944</b>
<b>Defense Nuclear Nonproliferation</b>		
<b>Defense Nuclear Nonproliferation Programs</b>		
<b>Global material security</b>		
International nuclear security .....	46,339	66,339
Enhanced nuclear security .....		[20,000]
Radiological security .....	146,340	166,340
Protection and safe disposal of radioactive sources .....		[20,000]
Domestic radiologic security .....	0	0
International radiologic security .....	0	0
Nuclear smuggling detection .....	144,429	204,429
Radiation detection .....		[60,000]
<b>Total, Global material security .....</b>	<b>337,108</b>	<b>437,108</b>
<b>Material management and minimization</b>		
HEU reactor conversion .....	125,500	125,500
Nuclear material removal .....	32,925	32,925
Material disposition .....	173,669	173,669
<b>Total, Material management &amp; minimization .....</b>	<b>332,094</b>	<b>332,094</b>
Nonproliferation and arms control .....	129,703	200,000
Verification .....		[70,297]
Defense nuclear nonproliferation R&D .....	446,095	446,095
<b>Nonproliferation construction</b>		
<b>U. S. Construction:</b>		
18-D-150 Surplus Plutonium Disposition Project .....	9,000	9,000
99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS Increase to continue construction of MOX .....	270,000	350,000
		[80,000]
<b>Total, Nonproliferation construction .....</b>	<b>279,000</b>	<b>359,000</b>
<b>Total, Defense Nuclear Nonproliferation Programs .....</b>	<b>1,524,000</b>	<b>1,774,297</b>
Legacy contractor pensions .....	40,950	40,950
Nuclear counterterrorism and incident response program .....	277,360	277,360
<b>Subtotal, Defense Nuclear Nonproliferation .....</b>	<b>1,842,310</b>	<b>2,092,607</b>
<b>Adjustments</b>		
Use of prior year balances .....	0	0
<b>Subtotal, Defense Nuclear Nonproliferation .....</b>	<b>1,842,310</b>	<b>2,092,607</b>
Rescission .....		0
Rescission of prior year balances .....	-49,000	-49,000
<b>Total, Defense Nuclear Nonproliferation .....</b>	<b>1,793,310</b>	<b>2,043,607</b>
<b>Naval Reactors</b>		
Naval reactors development .....	473,267	473,267
Ohio replacement reactor systems development .....	0	0
Columbia-Class reactor systems development .....	156,700	156,700
SSG Prototype refueling .....	190,000	190,000
Naval reactors operations and infrastructure .....	466,884	504,884
Reduce deferred maintenance backlog .....		[38,000]
<b>Construction:</b>		
17-D-911, BL Fire System Upgrade .....	0	0

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
15-D-904 NRF Overpack Storage Expansion 3 .....	13,700	13,700
15-D-903 KL Fire System Upgrade .....	15,000	15,000
15-D-902 KS Engineer room team trainer facility .....	0	0
14-D-902 KL Materials characterization laboratory expansion, KAPL .....	0	0
14-D-901 Spent fuel handling recapitalization project, NRF .....	116,000	116,000
10-D-903, Security upgrades, KS .....	0	0
<b>Total, Construction</b> .....	<b>144,700</b>	<b>144,700</b>
Program direction .....	48,200	48,200
<b>Subtotal, Naval Reactors</b> .....	<b>1,479,751</b>	<b>1,517,751</b>
<b>Rescission</b>		
Rescission of prior year balances .....	0	0
<b>Total, Naval Reactors</b> .....	<b>1,479,751</b>	<b>1,517,751</b>
<b>Federal Salaries and Expenses</b>		
Program direction .....	418,595	418,595
Rescission .....	0	0
<b>Total, Federal Salaries and Expenses</b> .....	<b>418,595</b>	<b>418,595</b>
<b>Defense Environmental Cleanup</b>		
<b>Closure sites:</b>		
Closure sites administration .....	4,889	4,889
<b>Hanford site:</b>		
<b>River corridor and other cleanup operations:</b>		
River corridor and other cleanup operations .....	58,692	58,692
<b>Central plateau remediation:</b>		
Central plateau remediation .....	637,879	637,879
Richland community and regulatory support .....	5,121	5,121
<b>Construction</b>		
18-D-404 WESF Modifications and Capsule Storage .....	6,500	6,500
15-D-401 Containerized sludge removal annex, RL .....	8,000	8,000
<b>Total, Construction</b> .....	<b>14,500</b>	<b>14,500</b>
<b>Total, Hanford site</b> .....	<b>716,192</b>	<b>716,192</b>
<b>Idaho National Laboratory:</b>		
SNF stabilization and disposition—2012 .....	19,975	19,975
Solid waste stabilization and disposition .....	170,101	170,101
Radioactive liquid tank waste stabilization and disposition .....	111,352	111,352
Soil and water remediation—2035 .....	44,727	44,727
Idaho community and regulatory support .....	4,071	4,071
<b>Total, Idaho National Laboratory</b> .....	<b>350,226</b>	<b>350,226</b>
<b>NNSA sites and Nevada off-sites</b>		
Lawrence Livermore National Laboratory .....	1,175	1,175
Nuclear facility D&D Separations Process Research Unit .....	1,800	1,800
Nevada .....	60,136	60,136
Sandia National Laboratories .....	2,600	2,600
Los Alamos National Laboratory .....	191,629	191,629
<b>Total, NNSA sites and Nevada off-sites</b> .....	<b>257,340</b>	<b>257,340</b>
<b>Oak Ridge Reservation:</b>		
<b>OR Nuclear facility D &amp; D</b>		
OR-0041—D&D - Y-12 .....	29,369	29,369
OR-0042—D&D -ORNL .....	48,110	48,110
<b>Construction</b>		
17-D-401 On-site waste disposal facility .....	5,000	5,000
14-D-403 Outfall 200 Mercury Treatment Facility .....	17,100	17,100
<b>Total, OR Nuclear facility D &amp; D</b> .....	<b>99,579</b>	<b>99,579</b>
U233 Disposition Program .....	33,784	33,784
<b>OR cleanup and disposition</b>		
OR cleanup and disposition .....	66,632	66,632
OR community & regulatory support .....	4,605	4,605
<b>Solid waste stabilization and disposition</b>		

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
Oak Ridge technology development .....	3,000	3,000
<b>Total, Oak Ridge Reservation .....</b>	<b>207,600</b>	<b>207,600</b>
<b>Office of River Protection:</b>		
<b>Waste treatment and immobilization plant</b>		
<b>Construction:</b>		
01-D-416 A-D WTP Subprojects A-D .....	655,000	655,000
01-D-416 E—Pretreatment Facility .....	35,000	35,000
<b>Total, 01-D-416 Construction .....</b>	<b>690,000</b>	<b>690,000</b>
WTP Commissioning .....	8,000	8,000
<b>Total, Waste treatment &amp; immobilization plant .....</b>	<b>698,000</b>	<b>698,000</b>
<b>Tank farm activities</b>		
Rad liquid tank waste stabilization and disposition .....	713,311	713,311
<b>Construction:</b>		
15-D-409 Low activity waste pretreatment system, ORP .....	93,000	93,000
<b>Total, Tank farm activities .....</b>	<b>806,311</b>	<b>806,311</b>
<b>Total, Office of River protection .....</b>	<b>1,504,311</b>	<b>1,504,311</b>
<b>Savannah River Sites:</b>		
<b>Savannah River risk management operations:</b>		
Nuclear material stabilization and disposition .....	0	0
SNP stabilization and disposition .....	0	0
Soil and water remediation—2035 .....	0	0
Solid waste stabilization and disposition .....	0	0
<b>Total, Savannah River risk management operations .....</b>	<b>0</b>	<b>0</b>
<b>Nuclear Material Management</b>		
Nuclear Material Management .....	323,482	323,482
<b>Environmental Cleanup</b>		
Environmental Cleanup .....	159,478	159,478
<b>Construction:</b>		
08-D-402, Emergency Operations Center .....	500	500
<b>Total, Environmental Cleanup .....</b>	<b>159,978</b>	<b>159,978</b>
SR community and regulatory support .....	11,249	11,249
<b>Radioactive liquid tank waste:</b>		
Radioactive liquid tank waste stabilization and disposition .....	597,258	597,258
<b>Construction:</b>		
18-D-401, SDU #8/9 .....	500	500
17-D-402—Saltstone Disposal Unit #7 .....	40,000	40,000
15-D-402—Saltstone Disposal Unit #6, SRS .....	0	0
05-D-405 Salt waste processing facility, Savannah River Site ..	150,000	150,000
<b>Total, Savannah River Site .....</b>	<b>1,282,467</b>	<b>1,282,467</b>
<b>Waste Isolation Pilot Plant</b>		
Operations and maintenance .....	206,617	206,617
Recovery activities .....	0	0
Central characterization project .....	22,500	22,500
Transportation .....	21,854	21,854
<b>Construction:</b>		
15-D-411 Safety significant confinement ventilation system, WIPP ..	46,000	46,000
15-D-412 Exhaust shaft, WIPP .....	19,600	19,600
<b>Total, Construction .....</b>	<b>65,600</b>	<b>65,600</b>
<b>Total, Waste Isolation Pilot Plant .....</b>	<b>316,571</b>	<b>316,571</b>
Program direction .....	300,000	300,000
Program support .....	6,979	6,979
WCF Mission Related Activities .....	22,109	22,109
Minority Serving Institution Partnership .....	6,000	6,000
<b>Safeguards and Security:</b>		
Oak Ridge Reservation .....	16,500	16,500
Paducah .....	14,049	14,049
Portsmouth .....	12,713	12,713
Richland/Hanford Site .....	75,600	75,600
Savannah River Site .....	142,314	142,314

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

<b>Program</b>	<b>FY 2018 Request</b>	<b>Senate Authorized</b>
Waste Isolation Pilot Project .....	5,200	5,200
West Valley .....	2,784	2,784
<b>Total, Safeguards and Security .....</b>	<b>269,160</b>	<b>269,160</b>
Cyber Security .....	43,342	43,342
Technology development .....	25,000	25,000
HQEF-0040—Excess Facilities .....	225,000	225,000
CB-0101 Economic assistance to the state of NM .....	0	0
<b>Subtotal, Defense environmental cleanup .....</b>	<b>5,537,186</b>	<b>5,537,186</b>
<b>Rescission:</b>		
Rescission of prior year balances .....	0	
<b>Total, Defense Environmental Cleanup .....</b>	<b>5,537,186</b>	<b>5,537,186</b>
<b>Other Defense Activities</b>		
<b>Environment, health, safety and security</b>		
Environment, health, safety and security .....	130,693	130,693
Program direction .....	68,765	68,765
<b>Total, Environment, Health, safety and security .....</b>	<b>199,458</b>	<b>199,458</b>
<b>Independent enterprise assessments</b>		
Independent enterprise assessments .....	24,068	24,068
Program direction .....	50,863	50,863
<b>Total, Independent enterprise assessments .....</b>	<b>74,931</b>	<b>74,931</b>
Specialized security activities .....	237,912	237,912
<b>Office of Legacy Management</b>		
Legacy management .....	137,674	137,674
Program direction .....	16,932	16,932
<b>Total, Office of Legacy Management .....</b>	<b>154,606</b>	<b>154,606</b>
<b>Defense related administrative support</b>		
Chief financial officer .....	48,484	48,484
Chief information officer .....	91,443	91,443
Management .....	0	0
Project management oversight and Assessments .....	3,073	3,073
<b>Total, Defense related administrative support .....</b>	<b>143,000</b>	<b>143,000</b>
Office of hearings and appeals .....	5,605	5,605
<b>Subtotal, Other defense activities .....</b>	<b>815,512</b>	<b>815,512</b>
<b>Rescission:</b>		
Rescission of prior year balances (LM) .....	0	0
Rescission of prior year balances (EHS&S) .....	0	0
Rescission of prior year balances (OHA) .....	0	0
Rescission of prior year balances (SSA) .....	0	0
Rescission of prior year balances (EA) .....	0	0
Rescission of prior year balances (ESA) .....	0	0
<b>Total, Rescission .....</b>	<b>0</b>	<b>0</b>
<b>Total, Other Defense Activities .....</b>	<b>815,512</b>	<b>815,512</b>
<b>Defense Nuclear Waste Disposal</b>		
Yucca mountain and interim storage .....	30,000	30,000
<b>Uranium Enrichment D&amp;D Fund</b>		
Uranium Enrichment D&D Fund Contribution .....	0	0

1           ***DIVISION E—ADDITIONAL***  
2                           ***PROVISIONS***  
3           ***TITLE LI—PROCUREMENT***

4   ***SEC. 5101. PLAN FOR MODERNIZATION OF THE RADAR FOR***  
5                           ***F-16 FIGHTER AIRCRAFT OF THE NATIONAL***  
6                           ***GUARD.***

7           ***(a) MODERNIZATION PLAN REQUIRED.***—*The Sec-*  
8   *retary of the Air Force shall develop a plan to modernize*  
9   *the radars of F-16 fighter aircraft of the National Guard*  
10 *by replacing legacy mechanically-scanned radars for such*  
11 *aircraft with AESA radars.*

12           ***(b) REPORT.***—*Not later 180 days after the date of the*  
13 *enactment of this Act, the Secretary shall submit to the con-*  
14 *gressional defense committees the plan developed pursuant*  
15 *to subsection (a).*

16   ***SEC. 5102. UPGRADE OF M113 VEHICLES.***

17           *No amounts authorized to be appropriated by this Act*  
18 *or otherwise made available for the Department of Defense*  
19 *for fiscal year 2018 may be obligated or expended to up-*  
20 *grade Army M113 vehicles until the Secretary of the Army*  
21 *submits to the congressional defense committees a report set-*  
22 *ting forth the strategy of the Army for the upgrade of such*  
23 *vehicles. The report shall include the following:*

24                   ***(1)*** *A detailed strategy for upgrading and field-*  
25                   *ing M113 vehicles.*

1           (2) *An analysis of the manner in which the*  
2 *Army plans to address M113 vehicle survivability*  
3 *and maneuverability concerns.*

4           (3) *An analysis of the historical costs associated*  
5 *with upgrading M113 vehicles, and a validation of*  
6 *current cost estimates for upgrading such vehicles.*

7           (4) *A comparison of total procurement and life*  
8 *cycle costs of adding an echelon above brigade (EAB)*  
9 *requirement to the Army Multi-Purpose Vehicle*  
10 *(AMPV) with total procurement and life cycle costs of*  
11 *upgrading legacy M113 vehicles.*

12           (5) *An analysis of the possibility of further accel-*  
13 *erating Army Multi-Purpose Vehicle production or*  
14 *modifying the current fielding strategy for the Army*  
15 *Multi-Purpose Vehicle to meet near-term echelon*  
16 *above brigade requirements.*

17 **TITLE LII—RESEARCH, DEVELOP-**  
18 **MENT, TEST, AND EVALUA-**  
19 **TION**

20 **SEC. 5201. REAUTHORIZATION OF DEPARTMENT OF DE-**  
21 **FENSE ESTABLISHED PROGRAM TO STIMU-**  
22 **LATE COMPETITIVE RESEARCH.**

23           (a) *MODIFICATION OF PROGRAM OBJECTIVES.*—Sub-  
24 *section (b) of section 257 of the National Defense Authoriza-*

1 *tion Act for Fiscal Year 1995 (Public Law 103–337; 10*  
2 *U.S.C. 2358 note) is amended—*

3 *(1) by redesignating paragraphs (1) and (2) as*  
4 *paragraphs (2) and (3), respectively;*

5 *(2) by inserting before paragraph (2), as redesign-*  
6 *ated by paragraph (1), the following new paragraph*  
7 *(1):*

8 *“(1) To increase the number of university re-*  
9 *searchers in eligible States capable of performing*  
10 *science and engineering research responsive to the*  
11 *needs of the Department of Defense.”; and*

12 *(3) in paragraph (2), as redesignated by para-*  
13 *graph (1), by inserting “relevant to the mission of the*  
14 *Department of Defense and” after “that is”.*

15 *(b) MODIFICATION OF PROGRAM ACTIVITIES.—Sub-*  
16 *section (c) of such section is amended—*

17 *(1) by redesignating paragraph (3) as para-*  
18 *graph (4); and*

19 *(2) by inserting after paragraph (2) the fol-*  
20 *lowing new paragraph (3):*

21 *“(3) To provide assistance to science and engi-*  
22 *neering researchers at institutions of higher education*  
23 *in eligible States through collaboration between De-*  
24 *partment of Defense laboratories and such research-*  
25 *ers.”.*

1       (c) *MODIFICATION OF ELIGIBILITY CRITERIA FOR*  
 2 *STATE PARTICIPATION.*—Subsection (d) of such section is  
 3 amended—

4           (1) in paragraph (2)(B), by inserting “in areas  
 5 relevant to the mission of the Department of Defense”  
 6 after “programs”; and

7           (2) by adding at the end the following new para-  
 8 graph:

9       “(3) The Under Secretary shall not remove a designa-  
 10 tion of a State under paragraph (2) because the State ex-  
 11 ceeds the funding levels specified under subparagraph (A)  
 12 of such paragraph unless the State has exceeded such fund-  
 13 ing levels for at least two consecutive years.”.

14       (d) *MODIFICATION OF NAME.*—

15           (1) *IN GENERAL.*—Such section is amended—

16           (A) in subsections (a) and (e) by striking  
 17 “Experimental” each place it appears and in-  
 18 serting “Established”; and

19           (B) in the section heading, by striking “**EX-**  
 20 **PERIMENTAL**” and inserting “**ESTAB-**  
 21 **LISHED**”.

22           (2) *CLERICAL AMENDMENT.*—Such Act is  
 23 amended, in the table of contents in section 2(b), by  
 24 striking the item relating to section 257 and inserting  
 25 the following new item:

“Sec. 257. Defense established program to stimulate competitive research.”.

1           (3) *CONFORMING AMENDMENT.*—Section 307 of  
2     *the 1997 Emergency Supplemental Appropriations*  
3     *Act for Recovery from Natural Disasters, and for*  
4     *Overseas Peacekeeping Efforts, Including Those in*  
5     *Bosnia (Public Law 105–18) is amended by striking*  
6     *“Experimental” and inserting “Established”.*

7     **SEC. 5202. PILOT PROGRAM TO IMPROVE INCENTIVES FOR**  
8                     **TECHNOLOGY TRANSFER FROM DEPARTMENT**  
9                     **OF DEFENSE LABORATORIES.**

10           (a) *IN GENERAL.*—The Secretary of Defense shall es-  
11     *tablish a pilot program to assess the feasibility and advis-*  
12     *ability of distributing royalties and other payments as de-*  
13     *scribed in this section. Under the pilot program, except as*  
14     *provided in subsections (b) and (d), any royalties or other*  
15     *payments received by a Federal agency from the licensing*  
16     *and assignment of inventions under agreements entered into*  
17     *by Department of Defense laboratories, and from the licens-*  
18     *ing of inventions of Department of Defense laboratories,*  
19     *shall be retained by the laboratory which produced the in-*  
20     *vention and shall be disposed of as follows:*

21           (1)(A) *The laboratory director shall pay each*  
22     *year the first \$2,000, and thereafter at least 20 per-*  
23     *cent, of the royalties or other payments, other than*  
24     *payments of patent costs as delineated by a license or*  
25     *assignment agreement, to the inventor or coinventors,*

1 *if the inventor's or coinventor's rights are directly as-*  
2 *signed to the United States.*

3 *(B) A laboratory director may provide appro-*  
4 *prate incentives, from royalties or other payments, to*  
5 *laboratory employees who are not an inventor of such*  
6 *inventions but who substantially increased the tech-*  
7 *nic value of the inventions.*

8 *(C) The laboratory shall retain the royalties and*  
9 *other payments received from an invention until the*  
10 *laboratory makes payments to employees of a labora-*  
11 *tory under subparagraph (A) or (B).*

12 *(2) The balance of the royalties or other pay-*  
13 *ments shall be transferred by the agency to its labora-*  
14 *tories, with the majority share of the royalties or*  
15 *other payments from any invention going to the lab-*  
16 *oratory where the invention occurred. The royalties or*  
17 *other payments so transferred to any laboratory may*  
18 *be used or obligated by that laboratory during the fis-*  
19 *cal year in which they are received or during the 2*  
20 *succeeding fiscal years—*

21 *(A) to reward scientific, engineering, and*  
22 *technical employees of the laboratory, including*  
23 *developers of sensitive or classified technology, re-*  
24 *gardless of whether the technology has commer-*  
25 *cial applications;*

1           (B) to further scientific exchange among the  
2           laboratories of the agency;

3           (C) for education and training of employees  
4           consistent with the research and development  
5           missions and objectives of the agency or labora-  
6           tory, and for other activities that increase the  
7           potential for transfer of the technology of the lab-  
8           oratories of the agency;

9           (D) for payment of expenses incidental to  
10          the administration and licensing of intellectual  
11          property by the agency or laboratory with re-  
12          spect to inventions made at that laboratory, in-  
13          cluding the fees or other costs for the services of  
14          other agencies, persons, or organizations for in-  
15          tellectual property management and licensing  
16          services; or

17          (E) for scientific research and development  
18          consistent with the research and development  
19          missions and objectives of the laboratory.

20          (3) All royalties or other payments retained by  
21          the laboratory after payments have been made pursu-  
22          ant to paragraphs (1) and (2) that are unobligated  
23          and unexpended at the end of the second fiscal year  
24          succeeding the fiscal year in which the royalties and

1 *other payments were received shall be paid into the*  
2 *Treasury of the United States.*

3 *(b) TREATMENT OF PAYMENTS TO EMPLOYEES.—*

4 *(1) IN GENERAL.—Any payment made to an em-*  
5 *ployee under the pilot program shall be in addition*  
6 *to the regular pay of the employee and to any other*  
7 *awards made to the employee, and shall not affect the*  
8 *entitlement of the employee to any regular pay, annu-*  
9 *ity, or award to which the employee is otherwise enti-*  
10 *tled or for which the employee is otherwise eligible or*  
11 *limit the amount thereof. Any payment made to an*  
12 *inventor as such shall continue after the inventor*  
13 *leaves the laboratory.*

14 *(2) CUMULATIVE PAYMENTS.—(A) Cumulative*  
15 *payments made under the pilot program while the in-*  
16 *ventor is still employed at the laboratory shall not ex-*  
17 *ceed \$500,000 per year to any one person, unless the*  
18 *Secretary concerned (as defined in section 101(a) of*  
19 *title 10, United States Code) approves a larger*  
20 *award.*

21 *(B) Cumulative payments made under the pilot*  
22 *program after the inventor leaves the laboratory shall*  
23 *not exceed \$150,000 per year to any one person, un-*  
24 *less the head of the agency approves a larger award*  
25 *(with the excess over \$150,000 being treated as an*

1        *agency award to a former employee under section*  
2        *4505 of title 5, United States Code).*

3        *(c) INVENTION MANAGEMENT SERVICES.—Under the*  
4        *pilot program, a laboratory receiving royalties or other*  
5        *payments as a result of invention management services per-*  
6        *formed for another Federal agency or laboratory under sec-*  
7        *tion 207 of title 35, United States Code, may retain such*  
8        *royalties or payments to the extent required to offset pay-*  
9        *ments to inventors under subparagraph (A) of subsection*  
10       *(a)(1), costs and expenses incurred under subparagraph (D)*  
11       *of subsection (a)(2), and the cost of foreign patenting and*  
12       *maintenance for any invention of the other agency. All roy-*  
13       *alties and other payments remaining after offsetting the*  
14       *payments to inventors, costs, and expenses described in the*  
15       *preceding sentence shall be transferred to the agency for*  
16       *which the services were performed, for distribution in ac-*  
17       *cordance with subsection (a)(2).*

18       *(d) CERTAIN ASSIGNMENTS.—Under the pilot pro-*  
19       *gram, if the invention involved was one assigned to the lab-*  
20       *oratory—*

21                *(1) by a contractor, grantee, or participant, or*  
22        *an employee of a contractor, grantee, or participant,*  
23        *in an agreement or other arrangement with the agen-*  
24        *cy; or*

1           (2) *by an employee of the agency who was not*  
2           *working in the laboratory at the time the invention*  
3           *was made,*

4 *the agency unit that was involved in such assignment shall*  
5 *be considered to be a laboratory for purposes of this section.*

6           (e) *SUNSET.*—*The pilot program under this section*  
7 *shall terminate 5 years after the date of the enactment of*  
8 *this Act.*

9           **TITLE LIII—OPERATION AND**  
10           **MAINTENANCE**

11 **SEC. 5301. COMPTROLLER GENERAL REPORT ON DEPART-**  
12           **MENT OF DEFENSE INSTALLATION ACCESS**  
13           **CONTROL INITIATIVES.**

14           (a) *IN GENERAL.*—*Not later than 180 days after the*  
15 *date of the enactment of this Act, the Comptroller General*  
16 *of the United States shall submit to the congressional de-*  
17 *fense committees a report evaluating Department of Defense*  
18 *installation access control initiatives.*

19           (b) *ELEMENTS.*—*The report required under subsection*  
20 *(a) shall include the following elements:*

21           (1) *An assessment of Department of Defense re-*  
22 *quirements for managing access to military installa-*  
23 *tions and the extent to which the Department has*  
24 *taken an enterprise-wide approach to developing those*  
25 *requirements and identifying capability gaps.*

1           (2) *A description of capabilities (processes and*  
2 *systems) that are in place at military installations*  
3 *that currently meet these requirements.*

4           (3) *A summary of which options, including busi-*  
5 *ness process reengineering, the development or acqui-*  
6 *sition of business systems, and the acquisition of com-*  
7 *mercial solutions, are being are being pursued to close*  
8 *those gaps.*

9           (4) *A description of how the Department of De-*  
10 *fense is assessing which options to pursue in terms of*  
11 *cost, schedule, and potential performance and to what*  
12 *extent the Department's assessments follow directives*  
13 *under the Federal Acquisition Regulation and Defense*  
14 *Supplement to the Federal Acquisition Regulation to*  
15 *consider commercial products and services.*

16 **SEC. 5302. COMPREHENSIVE PLAN FOR SHARING DEPOT-**  
17 **LEVEL MAINTENANCE BEST PRACTICES.**

18           (a) *IN GENERAL.*—*Not later than 90 days after the*  
19 *date of the enactment of this Act, the Secretary of Defense*  
20 *shall submit to the congressional defense committees a com-*  
21 *prehensive plan for the sharing of best practices for depot-*  
22 *level maintenance among the military services.*

23           (b) *ELEMENTS.*—*The comprehensive plan required*  
24 *under subsection (a) shall cover the sharing of best practices*  
25 *with regard to—*

- 1           (1) *programing and scheduling;*
- 2           (2) *core capability requirements;*
- 3           (3) *workload;*
- 4           (4) *personnel management, development, and*  
5           *sustainment;*
- 6           (5) *induction, duration, efficiency, and comple-*  
7           *tion metrics;*
- 8           (6) *parts, supply, tool, and equipment manage-*  
9           *ment;*
- 10          (7) *capital investment and manufacturing and*  
11          *production capability; and*
- 12          (8) *inspection and quality control.*

13 **SEC. 5303. FACILITIES DEMOLITION PLAN OF THE ARMY.**

14       *Not later than 120 days after the date of the enactment*  
15 *of this Act, the Secretary of the Army shall submit to the*  
16 *congressional defense committees a facilities demolition*  
17 *plan of the Army that does the following:*

18           (1) *Takes into account the impact of a contami-*  
19 *nated facility on mission readiness, and national se-*  
20 *curity generally, in establishing priorities for the*  
21 *demolition of facilities.*

22           (2) *Sets forth a multi-year plan for the demoli-*  
23 *tion of Army facilities, including contaminated facili-*  
24 *ties given afforded a priority for demolition pursuant*  
25 *to paragraph (1).*

1                   **TITLE LV—MILITARY**  
2                   **PERSONNEL POLICY**

3 **SEC. 5501. CRIMINAL BACKGROUND CHECKS OF EMPLOY-**  
4                   **EES OF THE MILITARY CHILD CARE SYSTEM**  
5                   **AND PROVIDERS OF CHILD CARE SERVICES**  
6                   **AND YOUTH PROGRAM SERVICES FOR MILI-**  
7                   **TARY DEPENDENTS.**

8           (a) *EMPLOYEES OF MILITARY CHILD CARE SYSTEM.*—

9    Section 1792 of title 10, United States Code, is amended—

10           (1) *by redesignating subsection (d) as subsection*

11           *(e); and*

12           (2) *by inserting after subsection (c) the following*

13           *new subsection (d):*

14           “(d) *CRIMINAL BACKGROUND CHECK.*—*The criminal*

15           *background check of child care employees under this section*

16           *that is required pursuant to section 231 of the Crime Con-*

17           *trol Act of 1990 (42 U.S.C. 13041) shall be conducted pur-*

18           *suant to regulations prescribed by the Secretary of Defense*

19           *in accordance with the provisions of section 658H of the*

20           *Child Care and Development Block Grant Act of 1990 (42*

21           *U.S.C. 9858f).”.*

22           (b) *PROVIDERS OF CHILD CARE SERVICES AND YOUTH*

23           *PROGRAM SERVICES.*—*Section 1798 of such title is amend-*

24           *ed—*

1           (1) *by redesignating subsection (c) as subsection*  
2           *(d); and*

3           (2) *by inserting after subsection (b) the following*  
4           *new subsection (c):*

5           “(c) *CRIMINAL BACKGROUND CHECK.—A provider of*  
6           *child care services or youth program services may not pro-*  
7           *vide such services under this section unless such provider*  
8           *complies with the requirements for criminal background*  
9           *checks under section 658H of the Child Care and Develop-*  
10           *ment Block Grant Act of 1990 (42 U.S.C. 9858f) for the*  
11           *State in which such services are provided.”.*

12   **SEC. 5502. REVIEW OF TAP FOR WOMEN.**

13           *The Secretary of Defense shall conduct a comprehen-*  
14           *sive review of the Transition Assistance Program to ensure*  
15           *that it addresses the unique challenges and needs of women*  
16           *as they transfer from the Armed Forces to civilian life.*

17   **SEC. 5503. ANNUAL REPORT ON PARTICIPATION IN THE**

18                           **TRANSITION ASSISTANCE PROGRAM FOR**

19                           **MEMBERS OF THE ARMED FORCES.**

20           *Section 1144 of title 10, United States Code, is amend-*  
21           *ed by adding at the end the following new subsection:*

22           “(g) *ANNUAL REPORT.—(1) Not later than February*  
23           *28 each year, the Secretary of Defense shall submit to Con-*  
24           *gress a report on the participation of members of the armed*

1 *forces in the program under this section during the pre-*  
2 *ceding year.*

3 “(2) *Each report under this subsection shall set forth,*  
4 *for the year covered by such report, the following:*

5 “(A) *The number of members who were eligible*  
6 *for participation in the program, in aggregate and by*  
7 *component of the armed forces.*

8 “(B) *The number of members who participated*  
9 *in the program, in aggregate and by component of the*  
10 *armed forces, for each of the following:*

11 “(i) *Preseparation counseling provided by*  
12 *the Department of Defense.*

13 “(ii) *Briefings provided by the Department*  
14 *of Veterans Affairs.*

15 “(iii) *Employment workshops provided by*  
16 *the Department of Labor.*

17 “(C) *The number of members who did not par-*  
18 *ticipate in the program due to a waiver of the par-*  
19 *ticipation requirement under subsection (c)(2) for*  
20 *each service set forth in subparagraph (B).*

21 “(3) *Each report under this subsection may also in-*  
22 *clude such recommendations for legislative or administra-*  
23 *tive action as the Secretary of Defense, in consultation with*  
24 *the Secretary of Labor, the Secretary of Veterans Affairs,*  
25 *and the Secretary of Homeland Security, considers appro-*

1 *priate to increase participation of members of the armed*  
 2 *forces in each service set forth in paragraph (2)(B).”.*

3 **SEC. 5504. MODIFICATION OF DEADLINE FOR SUBMITTAL**  
 4 **BY OFFICERS OF WRITTEN COMMUNICATIONS**  
 5 **TO PROMOTION SELECTION BOARDS ON MAT-**  
 6 **TERS OF IMPORTANCE TO THEIR SELECTION.**

7 *(a) OFFICERS ON ACTIVE-DUTY LIST.—Section 614(b)*  
 8 *of title 10, United States Code, is amended by striking “the*  
 9 *day” and inserting “10 calendar days”.*

10 *(b) OFFICERS IN RESERVE ACTIVE-STATUS.—Section*  
 11 *14106 of such title is amended in the second sentence by*  
 12 *striking “the day” and inserting “10 calendar days”.*

13 *(c) EFFECTIVE DATE.—The amendments made by this*  
 14 *section shall take effect on the date of the enactment of this*  
 15 *Act, and shall apply with respect to promotion selection*  
 16 *boards convened on or after that date.*

17 **SEC. 5505. STANDARDIZATION OF AUTHORITIES IN CON-**  
 18 **NECTION WITH REPEAL OF STATUTORY SPEC-**  
 19 **IFICATION OF GENERAL OFFICER GRADE FOR**  
 20 **THE DEAN OF THE ACADEMIC BOARD OF THE**  
 21 **UNITED STATES MILITARY ACADEMY AND**  
 22 **THE DEAN OF THE FACULTY OF THE UNITED**  
 23 **STATES AIR FORCE ACADEMY.**

24 *(a) DEAN OF ACADEMIC BOARD OF USMA.—Section*  
 25 *4335(c) of title 10, United States Code, is amended—*

1           (1) *by striking the first and third sentences; and*  
2           (2) *in the remaining sentence, by striking “so*  
3           *appointed” and inserting “appointed as Dean of the*  
4           *Academic Board”.*

5           (b) *DEAN OF FACULTY OF USAFA.—Section 9335(b)*  
6           *of such title is amended by striking “so appointed” and*  
7           *inserting “appointed as Dean of the Faculty”.*

8   **SEC. 5506. CIVILIAN TRAINING FOR NATIONAL GUARD PI-**  
9                           **LOTS AND SENSOR OPERATOR AIRCREWS OF**  
10                           **MQ-9 UNMANNED AERIAL VEHICLES.**

11           (a) *CONTRACTS FOR TRAINING.—Subject to subsection*  
12           *(c), the Chief of the National Guard Bureau may enter into*  
13           *one or more contracts with appropriate civilian entities in*  
14           *order to provide flying or operating training for National*  
15           *Guard pilots and sensor operator aircrew members in the*  
16           *MQ-9 unmanned aerial vehicle if the Chief of the National*  
17           *Guard Bureau determines that—*

18                   (1) *Air Force training units lack sufficient ca-*  
19                   *capacity to train such pilots or sensor operator aircrew*  
20                   *members for initial qualification in the MQ-9 un-*  
21                   *manned aerial vehicle;*

22                   (2) *pilots or sensor operator aircrew members of*  
23                   *Air National Guard units require continuation train-*  
24                   *ing in order to remain current and qualified in the*  
25                   *MQ-9 unmanned aerial vehicle;*

1           (3) *non-combat continuation training in the*  
2           *MQ-9 unmanned aerial vehicle is necessary for such*  
3           *pilots or sensor operator aircrew members to achieve*  
4           *required levels of flying or operating proficiency; or*

5           (4) *such training for such pilots or sensor oper-*  
6           *ator aircrew members is necessary in order to meet*  
7           *requirements for the National Guard to provide pilots*  
8           *and sensor operator aircrew members qualified in the*  
9           *MQ-9 unmanned aerial vehicle for operations on ac-*  
10          *tive duty and in State status.*

11          (b) *NATURE OF TRAINING UNDER CONTRACTS.—Any*  
12          *training provided pursuant to a contract under subsection*  
13          (i) *shall incorporate a level of instruction that is equivalent*  
14          *to the instruction in the MQ-9 unmanned aerial vehicle*  
15          *provided to pilots and sensor operator aircrew members at*  
16          *Air Force training units.*

17          (c) *AUTHORITY CONTINGENT ON CERTIFICATION.—The*  
18          *Chief of the National Guard Bureau may not use the au-*  
19          *thority in subsection (a) unless and until the Secretary of*  
20          *the Air Force certifies to the congressional defense commit-*  
21          *tees in writing that the use of the authority is necessary*  
22          *to provide required flying or operating training for Na-*  
23          *tional Guard pilots and sensor operator aircrew members*  
24          *in the MQ-9 unmanned aerial vehicle.*

1 **SEC. 5507. AUTHORIZATION FOR AWARD OF THE MEDAL OF**  
2 **HONOR TO GARLIN M. CONNER FOR ACTS OF**  
3 **VALOR DURING WORLD WAR II.**

4 (a) *WAIVER OF TIME LIMITATIONS.*—*Notwithstanding*  
5 *the time limitations specified in section 3744 of title 10,*  
6 *United States Code, or any other time limitation with re-*  
7 *spect to the awarding of certain medals to persons who*  
8 *served in the Armed Forces, the President may award the*  
9 *Medal of Honor under section 3741 of such title to Garlin*  
10 *M. Conner for the acts of valor during World War II de-*  
11 *scribed in subsection (b).*

12 (b) *ACTS OF VALOR DESCRIBED.*—*The acts of valor*  
13 *referred to in subsection (a) are the actions of Garlin M.*  
14 *Conner during combat on January 24, 1945, as a member*  
15 *of the United States Army in the grade of First Lieutenant*  
16 *in France while serving with Company K, 3d Battalion,*  
17 *7th Infantry Regiment, 3d Infantry Division, for which he*  
18 *was previously awarded the Distinguished Service Cross.*

19 **SEC. 5508. EDUCATIONAL OPPORTUNITIES FOR MILITARY**  
20 **CHILDREN IN SCIENCE, TECHNOLOGY, ENGI-**  
21 **NEERING, AND MATHEMATICS.**

22 (a) *FINDINGS.*—*Congress makes the following findings:*

23 (1) *The United States military is keenly aware*  
24 *of the need to support the families of those who serve*  
25 *our country.*

1           (2) *Military children face unique challenges in*  
2 *educational achievement due to frequent changes of*  
3 *station by, deployments by, and even injuries to their*  
4 *parents.*

5           (3) *Investing in quality education opportunities*  
6 *for all military children from cradle to career ensures*  
7 *parents are able to stay focused on the mission, and*  
8 *children are able to benefit from consistent relation-*  
9 *ships with caring teachers who support their early*  
10 *learning so they can be ready to excel in school.*

11           (4) *Research shows that early math is at least as*  
12 *predictive of later school success as early literacy.*

13           (5) *Investing in early learning for military chil-*  
14 *dren is an important element in a comprehensive*  
15 *strategy for ensuring a smart, skilled, and committed*  
16 *future national security workforce.*

17           (6) *To strengthen the global standing and mili-*  
18 *tary might of the United States, technology, and in-*  
19 *novation, the Nation must continuously look for ways*  
20 *to strengthen early education of children in science,*  
21 *technology, engineering, and mathematics (STEM).*

22           (b) *GUIDANCE.*—*Not later than one year after the date*  
23 *of the enactment of this Act, the Secretary of Defense shall*  
24 *issue guidance to the Armed Forces in order to ensure the*  
25 *following:*

1           (1) *The placement of a priority on supporting*  
2 *early learning in science, technology, engineering, and*  
3 *mathematics for children, including those at Depart-*  
4 *ment of Defense schools and schools serving large*  
5 *military child populations.*

6           (2) *Support for efforts to ensure that training*  
7 *and curriculum specialists, teachers and other care-*  
8 *givers, and staff serving military children have the*  
9 *training and skills necessary to implement instruc-*  
10 *tion in science, technology, engineering, and mathe-*  
11 *matics that provides the necessary foundation for fu-*  
12 *ture learning and educational achievement in such*  
13 *areas.*

14       (c) *REPORT.—Not later than two years after the date*  
15 *of the enactment of this Act, the Secretary shall submit to*  
16 *the congressional defense committees a report setting forth*  
17 *the following:*

18           (1) *A description and assessment of the progress*  
19 *made in improving educational opportunities and*  
20 *achievement for military children in science, tech-*  
21 *nology, engineering, and mathematics.*

22           (2) *A description and assessment of efforts to im-*  
23 *plement the guidance issued under subsection (b).*

1 **TITLE**            **LLVI—COMPENSATION**  
2            **AND OTHER PERSONNEL BEN-**  
3            **EFITS**

4 **SEC. 5601. REPORT ON USE OF SECOND-DESTINATION**  
5            **TRANSPORTATION TO TRANSPORT FRESH**  
6            **FRUIT AND VEGETABLES TO COMMISSARIES**  
7            **IN THE ASIA-PACIFIC REGION.**

8            *(a) REPORT REQUIRED.—In accordance with the Na-*  
9            *tional Defense Authorization Act for Fiscal Year 2017 (Pub-*  
10            *lic Law 114–328) and recommendations in the report of*  
11            *the Inspector General of the Department of Defense dated*  
12            *February 28, 2017, regarding Pacific Fresh Fruits and*  
13            *Vegetables (FFV), the Secretary of Defense shall submit to*  
14            *the congressional defense committees a report setting forth*  
15            *the following:*

16                    *(1) A description of the costs of using second-des-*  
17                    *tination transportation (SDT) to transport fresh fruit*  
18                    *and vegetables to commissaries in Asia and the Pa-*  
19                    *cific in each of fiscal years 2015 through 2017.*

20                    *(2) Recommendations for innovative, locally-*  
21                    *sourced alternatives to use of second-destination*  
22                    *transportation in order to supply fresh fruit and*  
23                    *vegetables to commissaries in Asia and the Pacific.*

1       (b) *SUBMITTAL DATE.*—*The report required by sub-*  
2 *section (a) shall be submitted not later than 120 days after*  
3 *the date of the enactment of this Act.*

4 **SEC. 5602. REPORT ON MANAGEMENT OF MILITARY COM-**  
5 **MISSARIES AND EXCHANGES.**

6       (a) *REPORT REQUIRED.*—*Not later than 180 days*  
7 *after the date of the enactment of this Act, the Secretary*  
8 *of Defense shall submit to the congressional defense commit-*  
9 *tees a report regarding management practices of military*  
10 *commissaries and exchanges.*

11       (b) *ELEMENTS.*—*The report required under this sec-*  
12 *tion shall include a cost-benefit analysis with the goals of—*

13               (1) *reducing the costs of operating military com-*  
14 *missaries and exchanges by \$2,000,000,000 during*  
15 *fiscal years 2018 through 2022; and*

16               (2) *not raising costs for patrons of military com-*  
17 *missaries and exchanges.*

18       **TITLE LVII—HEALTH CARE**  
19       **PROVISIONS**

20 **SEC. 5701. STUDY ON SAFE OPIOID PRESCRIBING PRAC-**  
21 **TICES.**

22       (a) *STUDY.*—*The Secretary of Defense shall conduct a*  
23 *study on the effectiveness of the training provided to health*  
24 *care providers of the Department of Defense regarding*  
25 *opioid prescribing practices, initiatives in opioid safety, the*

1 *use of the VA/DOD Clinical Practice Guideline for Manage-*  
2 *ment of Opioid Therapy for Chronic Pain, and other re-*  
3 *lated training.*

4 (b) *ELEMENTS.—The study under subsection (a) shall*  
5 *address the effectiveness of training with respect to the fol-*  
6 *lowing:*

7 (1) *Identifying and treating individuals with*  
8 *chronic pain.*

9 (2) *Prescribing opioid analgesics, including—*

10 (A) *reducing average dosages;*

11 (B) *reducing average number of dosages;*

12 (C) *reducing initial and average durations*  
13 *of opioid analgesic therapy;*

14 (D) *reducing dose escalation when opioid*  
15 *analgesic therapy has resulted in adequate pain*  
16 *reduction; and*

17 (E) *reducing the average number of pre-*  
18 *scription opioid analgesics dispensed by the De-*  
19 *partment of Defense.*

20 (3) *Reducing the number of overdoses due to pre-*  
21 *scription opioids for patients with acute pain and*  
22 *patients undergoing opioid therapy for chronic pain.*

23 (4) *Developing validated opioid dependence*  
24 *screening tools for health care providers of the Depart-*  
25 *ment.*

1           (5) *Communicating to health care providers of*  
2 *the Department changes in policies of the Department*  
3 *regarding opioid safety and prescribing practices.*

4           (6) *Providing education on the risks of opioid*  
5 *medications to individuals for whom such medica-*  
6 *tions are prescribed and to their families, with special*  
7 *consideration given to raising awareness among ado-*  
8 *lescents on such risks.*

9           (7) *Providing counseling and referrals for, and*  
10 *expanding access to, treatment alternatives to opioid*  
11 *analgesics.*

12           (8) *Developing and implementing a physician*  
13 *advisory committee of the Department relating to*  
14 *education programs for prescribers of opioid analge-*  
15 *sics.*

16           (9) *Developing methods to incentivize health care*  
17 *providers of the Department to use physical therapy*  
18 *or alternative methods to treat acute or chronic pain.*

19           (10) *Developing curricula on pain management*  
20 *and safe opioid analgesic prescribing that incor-*  
21 *porates opioid analgesic prescribing guidelines issued*  
22 *by the Centers for Disease Control and Prevention.*

23           (c) *BRIEFING.*—*Not later than 180 days after the date*  
24 *of the enactment of this Act, the Secretary shall provide to*  
25 *the Committees on Armed Services of the Senate and the*

1 *House of Representatives a briefing on the results of the*  
2 *study conducted under subsection (a).*

3 **SEC. 5702. SPECIFICATION THAT INDIVIDUALS UNDER THE**  
4 **AGE OF 21 ARE ELIGIBLE FOR HOSPICE CARE**  
5 **SERVICES UNDER THE TRICARE PROGRAM.**

6 *(a) RULE OF CONSTRUCTION.—Section 705 shall have*  
7 *no further force or effect.*

8 *(b) IN GENERAL.—Section 1079(a)(15) of title 10,*  
9 *United States Code, is amended by inserting before the pe-*  
10 *riod at the end the following: “, except that hospice care*  
11 *may be provided to an individual under the age of 21 con-*  
12 *currently with health care services or hospitalization for the*  
13 *same condition.”.*

14 **SEC. 5703. REGULAR UPDATE OF PRESCRIPTION DRUG**  
15 **PRICING STANDARD UNDER TRICARE RETAIL**  
16 **PHARMACY PROGRAM.**

17 *Section 1074g(d) of title 10, United States Code, is*  
18 *amended by adding at the end the following new paragraph:*

19 *“(3) With respect to the TRICARE retail pharmacy*  
20 *program described in subsection (a)(2)(E)(ii), the Secretary*  
21 *shall ensure that a contract entered into with a TRICARE*  
22 *pharmacy program contractor includes requirements de-*  
23 *scribed in section 1860D–12(b)(6) of the Social Security Act*  
24 *(42 U.S.C. 1395w–112(b)(6)) to ensure the provision of in-*

1 formation regarding the pricing standard for prescription  
2 drugs.”.

3 **SEC. 5704. LONGITUDINAL MEDICAL STUDY ON BLAST**  
4 **PRESSURE EXPOSURE OF MEMBERS OF THE**  
5 **ARMED FORCES.**

6 (a) *IN GENERAL.*—The Secretary of Defense shall con-  
7 duct a longitudinal medical study on blast pressure expo-  
8 sure of members of the Armed Forces during combat and  
9 training, including members who train with high over-  
10 pressure weapons, such as anti-tank recoilless rifles and  
11 heavy-caliber sniper rifles.

12 (b) *ELEMENTS.*—The study required under subsection  
13 (a) shall—

14 (1) monitor, record, and analyze data on blast  
15 pressure exposure for any member of the Armed  
16 Forces who is likely to be exposed to a blast in train-  
17 ing or combat;

18 (2) assess the feasibility and advisability of in-  
19 cluding blast exposure history as part of the service  
20 record of a member, as a blast exposure log, in order  
21 to ensure that, if medical issues arise later, the mem-  
22 ber receives care for any service-connected injuries;  
23 and

24 (3) review the safety precautions surrounding  
25 heavy weapons training to account for emerging re-

1       *search on blast exposure and the effects on of such ex-*  
2       *posure on cognitive performance of members of the*  
3       *Armed Forces.*

4       *(c) REPORT.—The Secretary shall submit to Congress*  
5       *a report on the results of the study conducted under sub-*  
6       *section (a).*

7       **SEC. 5705. AUTHORIZATION OF PHYSICAL THERAPIST AS-**  
8                               **SISTANTS AND OCCUPATIONAL THERAPY AS-**  
9                               **SISTANTS TO PROVIDE SERVICES UNDER THE**  
10                              **TRICARE PROGRAM.**

11       *(a) ADDITION TO LIST OF AUTHORIZED PROFES-*  
12       *SIONAL PROVIDERS OF CARE.—The Secretary of Defense*  
13       *shall revise section 199.6(c) of title 32, Code of Federal Reg-*  
14       *ulations, as in effect on the date of the enactment of this*  
15       *Act, to add to the list of individual professional providers*  
16       *of care who are authorized to provide services to bene-*  
17       *ficiaries under the TRICARE program, as defined in sec-*  
18       *tion 1072 of title 10, United States Code, the following types*  
19       *of health care practitioners:*

20               *(1) Licensed or certified physical therapist as-*  
21       *stants who meet the qualifications for physical ther-*  
22       *apist assistants specified in section 484.4 of title 42,*  
23       *Code of Federal Regulations, or any successor regula-*  
24       *tion, to furnish services under the supervision of a*  
25       *physical therapist.*

1           (2) *Licensed or certified occupational therapy*  
2           *assistants who meet the qualifications for occupa-*  
3           *tional therapy assistants specified in such section*  
4           *484.4, or any successor regulation, to furnish services*  
5           *under the supervision of an occupational therapist.*

6           (b) *SUPERVISION.*—*The Secretary of Defense shall es-*  
7           *tablish in regulations requirements for the supervision of*  
8           *physical therapist assistants and occupational therapy as-*  
9           *sistants, respectively, by physical therapists and occupa-*  
10          *tional therapists, respectively.*

11          (c) *MANUALS AND OTHER GUIDANCE.*—*The Secretary*  
12          *of Defense shall update the CHAMPVA Policy Manual and*  
13          *other relevant manuals and subregulatory guidance of the*  
14          *Department of Defense to carry out the revisions and re-*  
15          *quirements of this section.*

16          ***TITLE LIX—DEPARTMENT OF DE-***  
17          ***FENSE ORGANIZATION AND***  
18          ***MANAGEMENT***

19          ***SEC. 5901. DESIGNATION OF OFFICE WITHIN OFFICE OF***  
20                               ***THE SECRETARY OF DEFENSE TO OVERSEE***  
21                               ***USE OF FOOD ASSISTANCE PROGRAMS BY***  
22                               ***MEMBERS OF THE ARMED FORCES ON ACTIVE***  
23                               ***DUTY.***

24          *Not later than 90 days after the date of the enactment*  
25          *of this Act, the Secretary of Defense shall designate an office*

1 *or official within the Office of the Secretary of Defense for*  
2 *purposes as follows:*

3           (1) *To discharge responsibility for overseeing the*  
4 *efforts of the Department of Defense to collect, ana-*  
5 *lyze, and monitor data on the use of food assistance*  
6 *programs by members of the Armed Forces on active*  
7 *duty.*

8           (2) *To establish and maintain relationships with*  
9 *other departments and agencies of the Federal Gov-*  
10 *ernment to facilitate the discharge of the responsi-*  
11 *bility specified in paragraph (1).*

12                   **TITLE LX—GENERAL**  
13                   **PROVISIONS**

14 **SEC. 6001. AIR FORCE PILOT PROGRAM ON EDUCATION AND**  
15                   **TRAINING AND CERTIFICATION OF SEC-**  
16                   **ONDARY AND POST-SECONDARY STUDENTS**  
17                   **AS AIRCRAFT TECHNICIANS.**

18           (a) *PILOT PROGRAM REQUIRED.—*

19                   (1) *IN GENERAL.—The Secretary of the Air*  
20 *Force shall carry out a pilot program to assess the*  
21 *feasability and advisability of—*

22                           (A) *providing education and training to*  
23 *secondary and post-secondary students in the*  
24 *skills and qualifications required to lead to cer-*

1           *tification as an aircraft technician for the Air*  
2           *Force with skills levels 3–5; and*

3                     *(B) certifying individuals who successfully*  
4           *complete education and training under the pilot*  
5           *program as aircraft technicians for the Air Force*  
6           *at the applicable skill level.*

7           (2) *DESIGNATION.*—*The pilot program carried*  
8           *out pursuant to this section may be known as the*  
9           *“Air Force Dual Credit Maintainers Program” (in*  
10          *this section, referred to as the “pilot program”).*

11          (b) *ELIGIBLE PARTICIPANTS.*—*Individuals eligible to*  
12          *participate in the pilot program are individuals in sec-*  
13          *ondary or post-secondary school who—*

14                     (1) *have education, skills, or both appropriate*  
15          *for further education and training leading to certifi-*  
16          *cation as an aircraft technician of the Air Force; and*

17                     (2) *seek to pursue education and training under*  
18          *the pilot program in order to become certified as air-*  
19          *craft technicians of the Air Force.*

20          (c) *SECONDARY SCHOOLS AND INSTITUTIONS OF*  
21          *HIGHER EDUCATION.*—

22                     (1) *IN GENERAL.*—*The Secretary shall carry out*  
23          *the pilot program through secondary schools and in-*  
24          *stitutions of higher education selected by the Secretary*  
25          *for purposes of the pilot program.*

1           (2) *LOCATIONS.*—*The secondary schools and in-*  
2           *stitutions of higher education selected pursuant to*  
3           *paragraph (1) shall, to the extent practicable, be lo-*  
4           *cated in the vicinity of installations of the Air Force*  
5           *at which there is, or is anticipated to be, a shortfall*  
6           *in aircraft technicians with skill levels 3–5.*

7           (3) *COORDINATION.*—*The pilot program may be*  
8           *carried out at a secondary school only with the ap-*  
9           *proval of the local educational agency concerned. The*  
10          *pilot program may be carried out at an institution*  
11          *of higher education only with the approval of the*  
12          *board of trustees or other appropriate leadership of*  
13          *the institution.*

14          (4) *GRANTS.*—*In carrying out the pilot pro-*  
15          *gram, the Secretary may award a grant to any sec-*  
16          *ondary school or institution of higher education par-*  
17          *ticipating in the pilot program for purposes of pro-*  
18          *viding education and training under the pilot pro-*  
19          *gram.*

20          (d) *CURRICULUM AND ASSOCIATED EQUIPMENT.*—*In*  
21          *carrying out the pilot program, the Secretary shall support*  
22          *curriculum development by secondary and post-secondary*  
23          *educational institutions, and any associated training*  
24          *equipment, to be used in providing education and training*  
25          *under the pilot program.*

1       (e) *EMPLOYMENT AS AIR FORCE AIRCRAFT TECHNI-*  
2 *CIA NS.—As part of the pilot program, the Secretary may*  
3 *employ, and may afford an emphasis on employment, in*  
4 *the Department of the Air Force as aircraft technicians of*  
5 *the Air Force any individuals who obtain certification*  
6 *under the pilot program as aircraft technicians of the Air*  
7 *Force.*

8       (f) *SUNSET.—The authority of the Secretary to carry*  
9 *out the pilot program shall expire on the date that is five*  
10 *years after the date of the enactment of this Act. Expiration*  
11 *of the authority to carry out the pilot program shall not*  
12 *be construed to require the termination of any education*  
13 *or training, or the provision of any certifications, for indi-*  
14 *viduals participating in education or training under the*  
15 *pilot program on the date of the expiration of authority*  
16 *to carry out the pilot program.*

17       (g) *FUNDING.—*

18           (1) *IN GENERAL.—The amount authorized to be*  
19 *appropriated for fiscal year 2018 for the Department*  
20 *of Defense by this division is hereby increased by*  
21 *\$5,000,000, with the amount of the increase to be*  
22 *available for the pilot program, including for the*  
23 *award of grants pursuant to subsection (c)(4) and for*  
24 *support of the development of curriculum and train-*  
25 *ing equipment pursuant to subsection (d).*

1           (2) *OFFSET.*—*The amount authorized to be ap-*  
2           *propriated for fiscal year 2018 by section 301 is here-*  
3           *by reduced by \$5,000,000, with the amount of the re-*  
4           *duction to be applied against amounts available for*  
5           *operation and maintenance, Defense-wide, for SAG*  
6           *4GTV Office of the Inspector General.*

7   **SEC. 6002. COLLABORATION BETWEEN FEDERAL AVIATION**  
8                           **ADMINISTRATION AND DEPARTMENT OF DE-**  
9                           **ENSE ON UNMANNED AIRCRAFT SYSTEMS.**

10           (a) *COLLABORATION BETWEEN FEDERAL AVIATION*  
11           *ADMINISTRATION IN DEPARTMENT OF DEFENSE RE-*  
12           *QUIRED.*—

13           (1) *IN GENERAL.*—*The Administrator of the Fed-*  
14           *eral Aviation Administration and the Secretary of*  
15           *Defense shall collaborate on developing standards,*  
16           *policies, and procedures for sense and avoid capabili-*  
17           *ties for unmanned aircraft systems.*

18           (2) *ELEMENTS.*—*The collaboration required by*  
19           *paragraph (1) shall include the following:*

20                   (A) *Sharing information and technology on*  
21                   *safely integrating unmanned aircraft systems*  
22                   *and manned aircraft in the national airspace*  
23                   *system.*

24                   (B) *Building upon the experience of the Air*  
25                   *Force and the Department of Defense to inform*

1           *the Federal Aviation Administration's develop-*  
2           *ment of civil standards, policies, and procedures*  
3           *for integrating unmanned aircraft systems in the*  
4           *national airspace system.*

5           *(C) Assisting in the development of best*  
6           *practices for unmanned aircraft safety stand-*  
7           *ards, development of airborne and ground-based*  
8           *sense and avoid capabilities for unmanned air-*  
9           *craft systems, and research and development on*  
10           *unmanned aircraft systems, especially with re-*  
11           *spect to matters involving human factors, infor-*  
12           *mation assurance, and security.*

13           *(b) PARTICIPATION BY FEDERAL AVIATION ADMINIS-*  
14           *TRATION IN DEPARTMENT OF DEFENSE ACTIVITIES.—*

15           *(1) IN GENERAL.—The Administrator may par-*  
16           *ticipate and provide assistance for participation in*  
17           *test and evaluation efforts of the Department of De-*  
18           *fense, including the Air Force, relating to ground-*  
19           *based sense and avoid and airborne sense and avoid*  
20           *capabilities for unmanned aircraft systems.*

21           *(2) PARTICIPATION THROUGH CENTERS OF EX-*  
22           *CELLENCE AND TEST SITES.—Participation under*  
23           *paragraph (1) may include provision of assistance*  
24           *through the Center of Excellence for Unmanned Air-*  
25           *craft Systems and unmanned aircraft systems test*

1 *ranges designated under section 332(c) of the FAA*  
2 *Modernization and Reform Act of 2012 (Public Law*  
3 *112–95; 49 U.S.C. 40101 note).*

4 *(c) UNMANNED AIRCRAFT SYSTEM DEFINED.—In this*  
5 *section, the term “unmanned aircraft system” has the*  
6 *meaning given that term in section 331 of the FAA Mod-*  
7 *ernization and Reform Act of 2012 (Public Law 112–95;*  
8 *49 U.S.C. 40101 note).*

9 **SEC. 6003. REPORT ON DEFENSE OF COMBAT LOGISTICS**  
10 **AND STRATEGIC MOBILITY FORCES.**

11 *(a) REPORT REQUIRED.—Not later than January 1,*  
12 *2018, the Secretary of the Navy shall submit to the Commit-*  
13 *tees on Armed Services of the Senate and the House of Rep-*  
14 *resentatives a report on the defense of combat logistics and*  
15 *strategic mobility forces.*

16 *(b) COVERED PERIODS.—The report required by sub-*  
17 *section (a) shall cover two periods:*

18 *(1) The period from 2018 through 2025.*

19 *(2) The period from 2026 through 2035.*

20 *(c) ELEMENTS.—The report required by subsection (a)*  
21 *shall include, for each of the periods covered by the report,*  
22 *the following:*

23 *(1) A description of potential warfighting plan-*  
24 *ning scenarios in which combat logistics and strategic*

1     *mobility forces will be threatened, including the most*  
2     *stressing such scenario.*

3             *(2) A description of the combat logistics and*  
4     *strategic mobility forces capacity, including addi-*  
5     *tional combat logistics and strategic mobility forces,*  
6     *that may be required due to losses from attacks under*  
7     *each scenario described pursuant to paragraph (1).*

8             *(3) A description of the projected capability and*  
9     *capacity of subsurface (e.g., torpedoes), surface (e.g.,*  
10    *anti-ship missiles), and air (e.g., anti-ship missiles)*  
11    *threats to combat logistics and strategic mobility*  
12    *forces for each scenario described pursuant to para-*  
13    *graph (1).*

14            *(4) A description of planned operating concepts*  
15    *for defending combat logistics and strategic mobility*  
16    *forces from subsurface, surface, and air threats for*  
17    *each scenario described pursuant to paragraph (1).*

18            *(5) An assessment of the ability and availability*  
19    *of United States naval forces to defend combat logis-*  
20    *tics and strategic mobility forces from the threats de-*  
21    *scribed pursuant to paragraph (1), while also accom-*  
22    *plishing other assigned missions, for each scenario de-*  
23    *scribed pursuant to that paragraph.*

24            *(6) A description of specific capability gaps or*  
25    *risk areas in the ability or availability of United*

1       *States naval forces to defend combat logistics and*  
2       *strategic mobility forces from the threats described*  
3       *pursuant to paragraph (1).*

4               *(7) A description and assessment of potential so-*  
5       *lutions to address the capability gaps and risk areas*  
6       *identified pursuant to paragraph (6), including new*  
7       *capabilities, increased capacity, or new operating*  
8       *concepts that could be employed by United States*  
9       *naval forces.*

10       *(d) FORM.—The report required by subsection (a) shall*  
11       *be submitted in unclassified form, but may include a classi-*  
12       *fied annex.*

13       *(e) COMBAT LOGISTICS AND STRATEGIC MOBILITY*  
14       *FORCES DEFINED.—In this section, the term “combat logis-*  
15       *tics and strategic mobility forces” means the combat logis-*  
16       *tics force, the Ready Reserve Force, and the Military Sealift*  
17       *Command surge fleet.*

18       **SEC. 6004. REPORT ON THE CIRCUMSTANCES SUR-**  
19               **ROUNDING THE 2016 ATTACKS ON THE U.S.S.**  
20               **MASON.**

21       *Not later than March 1, 2018, the Secretary of Defense*  
22       *shall submit to the Committees on Armed Services of the*  
23       *Senate and the House of Representatives a report on the*  
24       *circumstances surrounding the attacks in 2016 on the*  
25       *U.S.S. Mason (DDG–87).*

1 **SEC. 6005. OFFICE OF SPECIAL COUNSEL REAUTHORIZA-**  
2 **TION.**

3 (a) *SHORT TITLE.*—*This section may be cited as the*  
4 *“Office of Special Counsel Reauthorization Act of 2017”.*

5 (b) *ADEQUATE ACCESS OF SPECIAL COUNSEL TO IN-*  
6 *FORMATION.*—*Section 1212(b) of title 5, United States*  
7 *Code, is amended by adding at the end the following:*

8 “(5)(A) *Except as provided in subparagraph (B), the*  
9 *Special Counsel, in carrying out this subchapter, is author-*  
10 *ized to—*

11 “(i) *have timely access to all records, data, re-*  
12 *ports, audits, reviews, documents, papers, rec-*  
13 *ommendations, or other material available to the ap-*  
14 *plicable agency that relate to an investigation, review,*  
15 *or inquiry conducted under—*

16 “(I) *section 1213, 1214, 1215, or 1216 of*  
17 *this title; or*

18 “(II) *section 4324(a) of title 38;*

19 “(ii) *request from any agency the information or*  
20 *assistance that may be necessary for the Special*  
21 *Counsel to carry out the duties and responsibilities of*  
22 *the Special Counsel under this subchapter; and*

23 “(iii) *require, during an investigation, review,*  
24 *or inquiry of an agency, the agency to provide to the*  
25 *Special Counsel any record or other information that*

1 *relates to an investigation, review, or inquiry con-*  
2 *ducted under—*

3 *“(I) section 1213, 1214, 1215, or 1216 of*  
4 *this title; or*

5 *“(II) section 4324(a) of title 38.*

6 *“(B)(i) The authorization of the Special Counsel under*  
7 *subparagraph (A) shall not apply with respect to any entity*  
8 *that is an element of the intelligence community, as defined*  
9 *in section 3 of the National Security Act of 1947 (50 U.S.C.*  
10 *3003), unless the Special Counsel is investigating, or other-*  
11 *wise carrying out activities relating to the enforcement of,*  
12 *an action under subchapter III of chapter 73.*

13 *“(ii) An Inspector General may withhold from*  
14 *the Special Counsel material described in subpara-*  
15 *graph (A) if the Inspector General determines that the*  
16 *material contains information derived from, or per-*  
17 *taining to, intelligence activities.*

18 *“(iii) The Attorney General or an Inspector Gen-*  
19 *eral may withhold from the Special Counsel material*  
20 *described in subparagraph (A) if—*

21 *“(I)(aa) disclosing the material could rea-*  
22 *sonably be expected to interfere with a criminal*  
23 *investigation or prosecution that is ongoing as of*  
24 *the date on which the Special Counsel submits a*  
25 *request for the material; or*

1           “(bb) the material—

2                   “(AA) may not be disclosed pursuant  
3 to a court order; or

4                   “(BB) has been filed under seal under  
5 section 3730 of title 31; and

6           “(II) the Attorney General or the Inspector  
7 General, as applicable, submits to the Special  
8 Counsel a written report that describes—

9                   “(aa) the material being withheld; and

10                   “(bb) the reason that the material is  
11 being withheld.

12           “(C)(i) A claim of common law privilege by an agency,  
13 or an officer or employee of an agency, shall not prevent  
14 the Special Counsel from obtaining any material described  
15 in subparagraph (A)(i) with respect to the agency.

16           “(ii) The submission of material described in subpara-  
17 graph (A)(i) by an agency to the Special Counsel may not  
18 be deemed to waive any assertion of privilege by the agency  
19 against a non-Federal entity or against an individual in  
20 any other proceeding.

21           “(iii) With respect to any record or other information  
22 made available to the Special Counsel by an agency under  
23 subparagraph (A), the Special Counsel may only disclose  
24 the record or information for a purpose that is in further-

1 *ance of any authority provided to the Special Counsel*  
2 *under this subchapter.*

3       “(6) *The Special Counsel shall submit to the Com-*  
4 *mittee on Homeland Security and Governmental Affairs of*  
5 *the Senate, the Committee on Oversight and Government*  
6 *Reform of the House of Representatives, and each committee*  
7 *of Congress with jurisdiction over the applicable agency a*  
8 *report regarding any case of contumacy or failure to com-*  
9 *ply with a request submitted by the Special Counsel under*  
10 *paragraph (5)(A).”.*

11       *(c) INFORMATION ON WHISTLEBLOWER PROTEC-*  
12 *TIONS.—*

13               *(1) AGENCY RESPONSIBILITIES.—Section 2302 of*  
14 *title 5, United States Code, is amended by striking*  
15 *subsection (c) and inserting the following:*

16       “(c)(1) *In this subsection—*

17               “(A) *the term ‘new employee’ means an indi-*  
18 *vidual—*

19                       “(i) *appointed to a position as an employee*  
20 *on or after the date of enactment of the Office of*  
21 *Special Counsel Reauthorization Act of 2017;*  
22 *and*

23                       “(ii) *who has not previously served as an*  
24 *employee; and*

1           “(B) the term ‘whistleblower protections’ means  
2           the protections against and remedies for a prohibited  
3           personnel practice described in paragraph (8) or sub-  
4           paragraph (A)(i), (B), (C), or (D) of paragraph (9)  
5           of subsection (b).

6           “(2) The head of each agency shall be responsible for—

7                 “(A) preventing prohibited personnel practices;

8                 “(B) complying with and enforcing applicable  
9                 civil service laws, rules, and regulations and other as-  
10                pects of personnel management; and

11               “(C) ensuring, in consultation with the Special  
12               Counsel and the Inspector General of the agency, that  
13               employees of the agency are informed of the rights  
14               and remedies available to the employees under this  
15               chapter and chapter 12, including—

16                   “(i) information with respect to whistle-  
17                   blower protections available to new employees  
18                   during a probationary period;

19                   “(ii) the role of the Office of Special Counsel  
20                   and the Merit Systems Protection Board with re-  
21                   spect to whistleblower protections; and

22                   “(iii) the means by which, with respect to  
23                   information that is otherwise required by law or  
24                   Executive order to be kept classified in the inter-  
25                   est of national defense or the conduct of foreign

1           *affairs, an employee may make a lawful disclo-*  
2           *sure of the information to—*

3                     *“(I) the Special Counsel;*

4                     *“(II) the Inspector General of an agen-*  
5                     *cy;*

6                     *“(III) Congress; or*

7                     *“(IV) another employee of the agency*  
8                     *who is designated to receive such a disclo-*  
9                     *sure.*

10           *“(3) The head of each agency shall ensure that the in-*  
11           *formation described in paragraph (2) is provided to each*  
12           *new employee of the agency not later than 180 days after*  
13           *the date on which the new employee is appointed.*

14           *“(4) The head of each agency shall make available in-*  
15           *formation regarding whistleblower protections applicable to*  
16           *employees of the agency on the public website of the agency*  
17           *and on any online portal that is made available only to*  
18           *employees of the agency, if such portal exists.*

19           *“(5) Any employee to whom the head of an agency del-*  
20           *egates authority for any aspect of personnel management*  
21           *shall, within the limits of the scope of the delegation, be*  
22           *responsible for the activities described in paragraph (2).”.*

23                     (2) *TRAINING FOR SUPERVISORS.—*

24                     (A) *DEFINITIONS.—In this paragraph—*

1           (i) the term “agency” means any enti-  
2           ty the employees of which are covered under  
3           paragraphs (8) and (9) of section 2302(b) of  
4           title 5, United States Code, without regard  
5           to whether any other provision of that title  
6           is applicable to the entity; and

7           (ii) the term “whistleblower protec-  
8           tions” has the meaning given the term in  
9           section 2302(c)(1)(B) of title 5, United  
10          States Code, as amended by paragraph (1).

11          (B) *TRAINING REQUIRED.*—The head of  
12          each agency, in consultation with the Special  
13          Counsel and the Inspector General of that agency  
14          (or, in the case of an agency that does not have  
15          an Inspector General, the senior ethics official of  
16          that agency), shall provide the training described  
17          in subparagraph (C).

18          (C) *TRAINING DESCRIBED.*—The training  
19          described in this subparagraph shall—

20               (i) cover the manner in which the  
21               agency shall respond to a complaint alleg-  
22               ing a violation of whistleblower protections  
23               that are available to employees of the agen-  
24               cy; and

25               (ii) be provided—

1                   (I) to each employee of the agency  
2                   who—

3                   (aa) is appointed to a super-  
4                   visory position in the agency; and

5                   (bb) before the appointment  
6                   described in item (aa), had not  
7                   served in a supervisory position  
8                   in the agency; and

9                   (II) on an annual basis to all em-  
10                  ployees of the agency who serve in su-  
11                  pervisory positions in the agency.

12               (3) *INFORMATION ON APPEAL RIGHTS.*—

13               (A) *IN GENERAL.*—Any notice provided to  
14               an employee under section 7503(b)(1), section  
15               7513(b)(1), or section 7543(b)(1) of title 5,  
16               United States Code, shall include detailed infor-  
17               mation with respect to—

18               (i) the right of the employee to appeal  
19               an action brought under the applicable sec-  
20               tion;

21               (ii) the forums in which the employee  
22               may file an appeal described in clause (i);  
23               and

24               (iii) any limitations on the rights of  
25               the employee that would apply because of

1           *the forum in which the employee decides to*  
2           *file an appeal.*

3           *(B) DEVELOPMENT OF INFORMATION.—The*  
4           *information described in subparagraph (A) shall*  
5           *be developed by the Director of the Office of Per-*  
6           *sonnel Management, in consultation with the*  
7           *Special Counsel, the Merit Systems Protection*  
8           *Board, and the Equal Employment Opportunity*  
9           *Commission.*

10       *(d) ADDITIONAL WHISTLEBLOWER PROVISIONS.—*

11           *(1) PROHIBITED PERSONNEL PRACTICES.—Sec-*  
12       *tion 2302 of title 5, United States Code, is amend-*  
13       *ed—*

14           *(A) in subsection (b)—*

15               *(i) in paragraph (9)(C), by inserting*  
16               *“(or any other component responsible for*  
17               *internal investigation or review)” after “In-*  
18               *spector General”; and*

19               *(ii) in paragraph (12), by striking*  
20               *“or” at the end;*

21               *(iii) in paragraph (13), by striking the*  
22               *period at the end and inserting “; or”; and*

23               *(iv) by inserting after paragraph (13)*  
24               *the following:*

1           “(14) access the medical record of another em-  
2           ployee or an applicant for employment as a part of,  
3           or otherwise in furtherance of, any conduct described  
4           in paragraphs (1) through (13).”; and

5                   (B) in subsection (f)—

6                           (i) in paragraph (1)—

7                                   (I) in subparagraph (E), by strik-  
8                                   ing “or” at the end;

9                                   (II) by redesignating subpara-  
10                                  graph (F) as subparagraph (G); and

11                                  (III) by inserting after subpara-  
12                                  graph (E) the following:

13                   “(F) the disclosure was made before the date on  
14                   which the individual was appointed or applied for  
15                   appointment to a position; or”; and

16                           (ii) by striking paragraph (2) and in-  
17                           serting the following:

18           “(2) If a disclosure is made during the normal course  
19           of duties of an employee, the principal job function of whom  
20           is to regularly investigate and disclose wrongdoing (referred  
21           to in this paragraph as the ‘disclosing employee’), the dis-  
22           closure shall not be excluded from subsection (b)(8) if the  
23           disclosing employee demonstrates that an employee who has  
24           the authority to take, direct other individuals to take, rec-  
25           ommend, or approve any personnel action with respect to

1 *the disclosing employee took, failed to take, or threatened*  
2 *to take or fail to take a personnel action with respect to*  
3 *the disclosing employee in reprisal for the disclosure made*  
4 *by the disclosing employee.”.*

5 (2) *EXPLANATIONS FOR FAILURE TO TAKE AC-*  
6 *TION.—Section 1213 of title 5, United States Code, is*  
7 *amended—*

8 (A) *in subsection (b), by striking “15 days”*  
9 *and inserting “45 days”; and*

10 (B) *in subsection (e)—*

11 (i) *in paragraph (1), by striking “Any*  
12 *such report” and inserting “Any report re-*  
13 *quired under subsection (c) or paragraph*  
14 *(5) of this subsection”;*

15 (ii) *by striking paragraph (2) and in-*  
16 *serting the following:*

17 “(2) *Upon receipt of any report that the head of an*  
18 *agency is required to submit under subsection (c), the Spe-*  
19 *cial Counsel shall review the report and determine wheth-*  
20 *er—*

21 “(A) *the findings of the head of the agency ap-*  
22 *pear reasonable; and*

23 “(B) *if the Special Counsel requires the head of*  
24 *the agency to submit a supplemental report under*  
25 *paragraph (5), the reports submitted by the head of*

1     *the agency collectively contain the information re-*  
2     *quired under subsection (d).”;*

3             *(iii) in paragraph (3), by striking*  
4             *“agency report received pursuant to sub-*  
5             *section (c) of this section” and inserting*  
6             *“report submitted to the Special Counsel by*  
7             *the head of an agency under subsection (c)*  
8             *or paragraph (5) of this subsection”;* and

9             *(iv) by adding at the end the following:*

10     *“(5) If, after conducting a review of a report under*  
11     *paragraph (2), the Special Counsel concludes that the Spe-*  
12     *cial Counsel requires additional information or documenta-*  
13     *tion to determine whether the report submitted by the head*  
14     *of an agency is reasonable and sufficient, the Special Coun-*  
15     *sel may request that the head of the agency submit a supple-*  
16     *mental report—*

17             *“(A) containing the additional information or*  
18             *documentation identified by the Special Counsel; and*

19             *“(B) that the head of the agency shall submit to*  
20             *the Special Counsel within a period of time specified*  
21             *by the Special Counsel.”.*

22             *(3) TRANSFER REQUESTS DURING STAYS.—*

23             *(A) PRIORITY GRANTED.—Section*  
24             *1214(b)(1) of title 5, United States Code, is*  
25             *amended by adding at the end the following:*

1       “(E) If the Board grants a stay under subparagraph  
2 (A), the head of the agency employing the employee who  
3 is the subject of the action shall give priority to a request  
4 for a transfer submitted by the employee.”.

5               (B) *PROBATIONARY EMPLOYEES.*—Section  
6               1221 of title 5, United States Code, is amended  
7               by adding at the end the following:

8       “(k) If the Board grants a stay under subsection (c)  
9 and the employee who is the subject of the action is in pro-  
10 bationary status, the head of the agency employing the em-  
11 ployee shall give priority to a request for a transfer sub-  
12 mitted by the employee.”.

13              (4) *RETALIATORY INVESTIGATIONS.*—Section  
14              1214 of title 5, United States Code, is amended by  
15              adding at the end the following:

16       “(i) The Special Counsel may petition the Board to  
17 order corrective action, including fees, costs, or damages  
18 reasonably incurred by an employee due to an investigation  
19 of the employee by an agency, if the investigation by an  
20 agency was commenced, expanded, or extended in retalia-  
21 tion for a disclosure or protected activity described in sec-  
22 tion 2302(b)(8) or subparagraph (A)(i), (B), (C), or (D)  
23 of section 2302(b)(9), without regard to whether a personnel  
24 action, as defined in section 2302(a)(2)(A), is taken.”.

25       (e) *SUICIDE BY EMPLOYEES.*—

1 (1) *DEFINITIONS.*—*In this subsection—*

2 (A) *the term “agency” means any entity the*  
3 *employees of which are covered under para-*  
4 *graphs (8) and (9) of section 2302(b) of title 5,*  
5 *United States Code, without regard to whether*  
6 *any other provision of that title is applicable to*  
7 *the entity; and*

8 (B) *the term “personnel action” has the*  
9 *meaning given the term in section 2302(a)(2)(A)*  
10 *of title 5, United States Code.*

11 (2) *REFERRAL.*—

12 (A) *IN GENERAL.*—*The head of an agency*  
13 *shall refer to the Special Counsel, along with any*  
14 *information known to the agency regarding the*  
15 *circumstances described in subparagraph (B),*  
16 *any instance in which the head of the agency has*  
17 *information indicating that an employee of the*  
18 *agency committed suicide.*

19 (B) *INFORMATION.*—*The circumstances de-*  
20 *scribed in this subparagraph are as follows:*

21 (i) *Before the death of an employee de-*  
22 *scribed in subparagraph (A), the employee*  
23 *made a disclosure of information that rea-*  
24 *sonably evidences—*

1                   (I) a violation of a law, rule, or  
2                   regulation;

3                   (II) gross mismanagement;

4                   (III) a gross waste of funds;

5                   (IV) an abuse of authority; or

6                   (V) a substantial and specific  
7                   danger to public health or safety.

8                   (ii) After a disclosure described in  
9                   clause (i), a personnel action was taken  
10                  with respect to the employee who made the  
11                  disclosure.

12                  (3) OFFICE OF SPECIAL COUNSEL REVIEW.—  
13                  Upon receiving a referral under paragraph (2)(A),  
14                  the Special Counsel shall—

15                         (A) examine whether a personnel action was  
16                         taken with respect to an employee because of a  
17                         disclosure described in paragraph (2)(B)(i); and

18                         (B) take any action that the Special Coun-  
19                         sel determines is appropriate under subchapter  
20                         II of chapter 12 of title 5, United States Code.

21                  (f) PROTECTION OF WHISTLEBLOWERS AS CRITERIA  
22                  IN PERFORMANCE APPRAISALS.—

23                         (1) ESTABLISHMENT OF SYSTEMS.—Section 4302  
24                         of title 5, United States Code, is amended—

1           (A) by redesignating subsections (b) and (c)  
2 as subsections (c) and (d), respectively; and

3           (B) by inserting after subsection (a) the fol-  
4 lowing:

5       “(b)(1) The head of each agency, in consultation with  
6 the Director of the Office of Personnel Management and the  
7 Special Counsel, shall develop criteria that—

8           “(A) the head of the agency shall use as a crit-  
9 ical element for establishing the job requirements of a  
10 supervisory employee; and

11          “(B) promote the protection of whistleblowers.

12       “(2) The criteria required under paragraph (1) shall  
13 include—

14           “(A) principles for the protection of whistle-  
15 blowers, such as the degree to which supervisory em-  
16 ployees—

17           “(i) respond constructively when employees  
18 of the agency make disclosures described in sub-  
19 paragraph (A) or (B) of section 2302(b)(8);

20           “(ii) take responsible actions to resolve the  
21 disclosures described in clause (i); and

22           “(iii) foster an environment in which em-  
23 ployees of the agency feel comfortable making  
24 disclosures described in clause (i) to supervisory  
25 employees or other appropriate authorities; and

1           “(B) for each supervisory employee—

2                   “(i) whether the agency entered into an  
3                   agreement with an individual who alleged that  
4                   the supervisory employee committed a prohibited  
5                   personnel practice; and

6                   “(ii) if the agency entered into an agree-  
7                   ment described in clause (i), the number of in-  
8                   stances in which the agency entered into such an  
9                   agreement with respect to the supervisory em-  
10                  ployee.

11          “(3) In this subsection—

12                  “(A) the term ‘agency’ means any entity the em-  
13                  ployees of which are covered under paragraphs (8)  
14                  and (9) of section 2302(b), without regard to whether  
15                  any other provision of this section is applicable to the  
16                  entity;

17                  “(B) the term ‘prohibited personnel practice’ has  
18                  the meaning given the term in section 2302(a)(1);

19                  “(C) the term ‘supervisory employee’ means an  
20                  employee who would be a supervisor, as defined in  
21                  section 7103(a), if the agency employing the employee  
22                  was an agency for purposes of chapter 71; and

23                  “(D) the term ‘whistleblower’ means an employee  
24                  who makes a disclosure described in section  
25                  2302(b)(8).”.

1           (2) *CRITERIA FOR PERFORMANCE APPRAISALS.*—  
2     *Section 4313 of title 5, United States Code, is amend-*  
3     *ed—*

4           (A) *in paragraph (4), by striking “and” at*  
5     *the end;*

6           (B) *in paragraph (5), by striking the period*  
7     *at the end and inserting “; and”; and*

8           (C) *by adding at the end the following:*

9           “(6) *protecting whistleblowers, as described in*  
10     *section 4302(b)(2).”.*

11          (3) *ANNUAL REPORT TO CONGRESS ON UNAC-*  
12     *CEPTABLE PERFORMANCE IN WHISTLEBLOWER PRO-*  
13     *TECTION.*—

14           (A) *DEFINITIONS.*—*In this paragraph, the*  
15     *terms “agency” and “whistleblower” have the*  
16     *meanings given the terms in section 4302(b)(3)*  
17     *of title 5, United States Code, as amended by*  
18     *paragraph (1).*

19           (B) *REPORT.*—*Each agency shall annually*  
20     *submit to the Committee on Homeland Security*  
21     *and Governmental Affairs of the Senate, the*  
22     *Committee on Oversight and Government Reform*  
23     *of the House of Representatives, and each com-*  
24     *mittee of Congress with jurisdiction over the*  
25     *agency a report that details—*

1           (i) the number of performance appraisals,  
2           for the year covered by the report, that  
3           determined that an employee of the agency  
4           failed to meet the standards for protecting  
5           whistleblowers that were established under  
6           section 4302(b) of title 5, United States  
7           Code, as amended by paragraph (1);

8           (ii) the reasons for the determinations  
9           described in clause (i); and

10          (iii) each performance-based or correc-  
11          tive action taken by the agency in response  
12          to a determination under clause (i).

13          (4) *TECHNICAL AND CONFORMING AMEND-*  
14          *MENT.*—Section 4301 of title 5, United States Code,  
15          is amended, in the matter preceding paragraph (1),  
16          by striking “For the purpose of” and inserting “Ex-  
17          cept as otherwise expressly provided, for the purpose  
18          of”.

19          (g) *DISCIPLINE OF SUPERVISORS BASED ON RETALIA-*  
20          *TION AGAINST WHISTLEBLOWERS.*—

21                 (1) *IN GENERAL.*—Subchapter II of chapter 75 of  
22                 title 5, United States Code, is amended by adding at  
23                 the end the following:

1 **“§ 7515. Discipline of supervisors based on retaliation**  
2 **against whistleblowers**

3 “(a) *DEFINITIONS.—In this section—*

4 “(1) *the term ‘agency’—*

5 “(A) *has the meaning given the term in sec-*  
6 *tion 2302(a)(2)(C), without regard to whether*  
7 *any other provision of this chapter is applicable*  
8 *to the entity; and*

9 “(B) *does not include any entity that is an*  
10 *element of the intelligence community, as defined*  
11 *in section 3 of the National Security Act of 1947*  
12 *(50 U.S.C. 3003);*

13 “(2) *the term ‘prohibited personnel action’*  
14 *means taking or failing to take an action in violation*  
15 *of paragraph (8) or (9) of section 2302(b) against an*  
16 *employee of an agency; and*

17 “(3) *the term ‘supervisor’ means an employee*  
18 *who would be a supervisor, as defined in section*  
19 *7103(a), if the entity employing the employee was an*  
20 *agency.*

21 “(b) *PROPOSED DISCIPLINARY ACTIONS.—*

22 “(1) *IN GENERAL.—If the head of the agency in*  
23 *which a supervisor is employed, an administrative*  
24 *law judge, the Merit Systems Protection Board, the*  
25 *Special Counsel, a judge of the United States, or the*  
26 *Inspector General of the agency in which a supervisor*

1 *is employed has determined that the supervisor com-*  
2 *mitted a prohibited personnel action, the head of the*  
3 *agency in which the supervisor is employed, con-*  
4 *sistent with the procedures required under paragraph*  
5 *(2)—*

6 *“(A) for the first prohibited personnel ac-*  
7 *tion committed by the supervisor—*

8 *“(i) shall propose suspending the su-*  
9 *pervisor for a period that is not less than*  
10 *3 days; and*

11 *“(ii) may propose an additional action*  
12 *determined appropriate by the head of the*  
13 *agency, including a reduction in grade or*  
14 *pay; and*

15 *“(B) for the second prohibited personnel ac-*  
16 *tion committed by the supervisor, shall propose*  
17 *removing the supervisor.*

18 *“(2) PROCEDURES.—*

19 *“(A) NOTICE.—A supervisor against whom*  
20 *an action is proposed to be taken under para-*  
21 *graph (1) is entitled to written notice that—*

22 *“(i) states the specific reasons for the*  
23 *proposed action; and*

24 *“(ii) informs the supervisor about the*  
25 *right of the supervisor to review the mate-*

1            *rial that constitutes the factual support on*  
2            *which the proposed action is based.*

3            “(B) *ANSWER AND EVIDENCE.*—

4                       “(i) *IN GENERAL.*—*A supervisor who*  
5            *receives notice under subparagraph (A)*  
6            *may, not later than 14 days after the date*  
7            *on which the supervisor receives the notice,*  
8            *submit an answer and furnish evidence in*  
9            *support of that answer.*

10                       “(ii) *NO EVIDENCE FURNISHED; INSUF-*  
11            *FICIENT EVIDENCE FURNISHED.*—*If, after*  
12            *the end of the 14-day period described in*  
13            *clause (i), a supervisor does not furnish any*  
14            *evidence as described in that clause, or if*  
15            *the head of the agency in which the super-*  
16            *visor is employed determines that the evi-*  
17            *dence furnished by the supervisor is insuffi-*  
18            *cient, the head of the agency shall carry out*  
19            *the action proposed under subparagraph*  
20            *(A) or (B) of paragraph (1), as applicable.*

21            “(C) *SCOPE OF PROCEDURES.*—*An action*  
22            *carried out under this section—*

23                       “(i) *except as provided in clause (ii),*  
24            *shall be subject to the same requirements*  
25            *and procedures, including those with respect*

1           to an appeal, as an action under section  
2           7503, 7513, or 7543; and

3           “(ii) shall not be subject to—

4                   “(I) paragraphs (1) and (2) of  
5                   section 7503(b);

6                   “(II) paragraphs (1) and (2) of  
7                   subsection (b) and subsection (c) of sec-  
8                   tion 7513; and

9                   “(III) paragraphs (1) and (2) of  
10                  subsection (b) and subsection (c) of sec-  
11                  tion 7543.

12           “(3) *NON-DELEGATION.*—If the head of an agen-  
13           cy is responsible for determining whether a supervisor  
14           has committed a prohibited personnel action for pur-  
15           poses of paragraph (1), the head of the agency may  
16           not delegate that responsibility.”.

17           (2) *TECHNICAL AND CONFORMING AMEND-*  
18           *MENT.*—The table of sections for subchapter II of  
19           chapter 75 of title 5, United States Code, is amended  
20           by inserting after the item relating to section 7514 the  
21           following:

“7515. Discipline of supervisors based on retaliation against whistleblowers.”.

22           (h) *TERMINATION OF CERTAIN INVESTIGATIONS BY*  
23           *THE OFFICE OF SPECIAL COUNSEL.*—Section 1214(a) of  
24           title 5, United States Code, is amended by adding at the  
25           end the following:

1       “(6)(A) Notwithstanding any other provision of this  
2 section, not later than 30 days after the date on which the  
3 Special Counsel receives an allegation of a prohibited per-  
4 sonnel practice under paragraph (1), the Special Counsel  
5 may terminate an investigation of the allegation without  
6 further inquiry if the Special Counsel determines that—

7               “(i) the same allegation, based on the same set  
8 of facts and circumstances, had previously been—

9                       “(I)(aa) made by the individual; and

10                      “(bb) investigated by the Special Counsel;

11                      or

12                      “(II) filed by the individual with the Merit  
13 Systems Protection Board;

14               “(ii) the Special Counsel does not have jurisdic-  
15 tion to investigate the allegation; or

16               “(iii) the individual knew or should have known  
17 of the alleged prohibited personnel practice on or be-  
18 fore the date that is 3 years before the date on which  
19 the Special Counsel received the allegation.

20       “(B) Not later than 30 days after the date on which  
21 the Special Counsel terminates an investigation under sub-  
22 paragraph (A), the Special Counsel shall provide a written  
23 notification to the individual who submitted the allegation  
24 of a prohibited personnel practice that states the basis of  
25 the Special Counsel for terminating the investigation.”.

1       (i) *ALLEGATIONS OF WRONGDOING WITHIN THE OF-*  
2 *FICE OF SPECIAL COUNSEL.*—Section 1212 of title 5,  
3 *United States Code, is amended by adding at the end the*  
4 *following:*

5       “(i) *The Special Counsel shall enter into at least 1*  
6 *agreement with the Inspector General of an agency under*  
7 *which—*

8               “(1) *the Inspector General shall—*

9                       “(A) *receive, review, and investigate allega-*  
10 *tions of prohibited personnel practices or wrong-*  
11 *doing filed by employees of the Office of Special*  
12 *Counsel; and*

13                       “(B) *develop a method for an employee of*  
14 *the Office of Special Counsel to communicate di-*  
15 *rectly with the Inspector General; and*

16               “(2) *the Special Counsel—*

17                       “(A) *may not require an employee of the*  
18 *Office of Special Counsel to seek authorization or*  
19 *approval before directly contacting the Inspector*  
20 *General in accordance with the agreement; and*

21                       “(B) *may reimburse the Inspector General*  
22 *for services provided under the agreement.”.*

23       (j) *REPORTING REQUIREMENTS.*—

24               (1) *ANNUAL REPORT.*—Section 1218 of title 5,  
25 *United States Code, is amended to read as follows:*

1 **“§ 1218. Annual report**

2       *“The Special Counsel shall submit to Congress, on an*  
3 *annual basis, a report regarding the activities of the Special*  
4 *Counsel, which shall include, for the year preceding the sub-*  
5 *mission of the report—*

6           *“(1) the number, types, and disposition of allega-*  
7 *tions of prohibited personnel practices filed with the*  
8 *Special Counsel and the costs of resolving such allega-*  
9 *tions;*

10          *“(2) the number of investigations conducted by*  
11 *the Special Counsel;*

12          *“(3) the number of stays and disciplinary ac-*  
13 *tions negotiated with agencies by the Special Counsel;*

14          *“(4) the number of subpoenas issued by the Spe-*  
15 *cial Counsel;*

16          *“(5) the number of instances in which the Spe-*  
17 *cial Counsel reopened an investigation after the Spe-*  
18 *cial Counsel had made an initial determination with*  
19 *respect to the investigation;*

20          *“(6) the actions that resulted from reopening in-*  
21 *vestigations, as described in paragraph (5);*

22          *“(7) the number of instances in which the Spe-*  
23 *cial Counsel did not make a determination before the*  
24 *end of the 240-day period described in section*  
25 *1214(b)(2)(A)(i) regarding whether there were reason-*

1     *able grounds to believe that a prohibited personnel*  
2     *practice had occurred, existed, or was to be taken;*

3             *“(8) a description of the recommendations and*  
4     *reports made by the Special Counsel to other agencies*  
5     *under this subchapter and the actions taken by the*  
6     *agencies as a result of the recommendations or re-*  
7     *ports;*

8             *“(9) the number of—*

9                 *“(A) actions initiated before the Merit Sys-*  
10     *tems Protection Board, including the number of*  
11     *corrective action petitions and disciplinary ac-*  
12     *tion complaints initiated; and*

13                 *“(B) stays and extensions of stays obtained*  
14     *from the Merit Systems Protection Board;*

15             *“(10) the number of prohibited personnel prac-*  
16     *tice complaints that resulted in a favorable action for*  
17     *the complainant, other than a stay or an extension of*  
18     *a stay, organized by actions in—*

19                 *“(A) complaints dealing with reprisals*  
20     *against whistleblowers; and*

21                 *“(B) all other complaints; and*

22             *“(11) the number of prohibited personnel prac-*  
23     *tice complaints that were resolved by an agreement*  
24     *between an agency and an individual, organized by*  
25     *agency and agency components in—*

1           “(A) complaints dealing with reprisals  
2           against whistleblowers; and

3           “(B) all other complaints;

4           “(12) the number of corrective actions that the  
5           Special Counsel required an agency to take after a  
6           finding by the Special Counsel of a prohibited per-  
7           sonnel practice, as defined in section 2302(a)(1); and

8           “(13) the results for the Office of Special Counsel  
9           of any employee viewpoint survey conducted by the  
10          Office of Personnel Management or any other agen-  
11          cy.”.

12           (2) *PUBLIC INFORMATION*.—Section 1219(a)(1)  
13          of title 5, United States Code, is amended to read as  
14          follows:

15           “(1) a list of any noncriminal matters referred  
16          to the head of an agency under section 1213(c), to-  
17          gether with—

18           “(A) a copy of the information transmitted  
19          to the head of the agency under section  
20          1213(c)(1);

21           “(B) any report from the agency under sec-  
22          tion 1213(c)(1)(B) relating to the matter;

23           “(C) if appropriate, not otherwise prohib-  
24          ited by law, and consented to by the complain-

1           ant, any comments from the complainant under  
2           section 1213(e)(1) relating to the matter; and

3           “(D) the comments or recommendations of  
4           the Special Counsel under paragraph (3) or (4)  
5           of section 1213(e);”.

6           (3) NOTICE OF COMPLAINT SETTLEMENTS.—Sec-  
7           tion 1217 of title 5, United States Code, is amend-  
8           ed—

9           (A) by striking “The Special Counsel” and  
10          inserting the following:

11          “(a) IN GENERAL.—The Special Counsel”; and

12          (B) by adding at the end the following:

13          “(b) ADDITIONAL REPORT REQUIRED.—

14                 “(1) IN GENERAL.—If an allegation submitted to  
15                 the Special Counsel is resolved by an agreement be-  
16                 tween an agency and an individual, the Special  
17                 Counsel shall submit to Congress and each congres-  
18                 sional committee with jurisdiction over the agency a  
19                 report regarding the agreement.

20                 “(2) CONTENTS.—Any report required under  
21                 paragraph (1) shall identify, with respect to an agree-  
22                 ment described in that paragraph—

23                         “(A) the agency that entered into the agree-  
24                         ment;

1           “(B) the position and employment location  
2           of the employee who submitted the allegation that  
3           formed the basis of the agreement;

4           “(C) the position and employment location  
5           of any employee alleged by an employee de-  
6           scribed in subparagraph (B) to have committed  
7           a prohibited personnel practice, as defined in  
8           section 2302(a)(1);

9           “(D) a description of the allegation de-  
10          scribed in subparagraph (B); and

11          “(E) whether the agency that entered into  
12          the agreement has agreed to pursue any discipli-  
13          nary action as a result of the allegation de-  
14          scribed in subparagraph (B).”.

15          (k) *ESTABLISHMENT OF SURVEY PILOT PROGRAM.*—

16                (1) *IN GENERAL.*—The Office of Special Counsel  
17                shall design and establish a pilot program under  
18                which the Office shall conduct, during the first full  
19                fiscal year after the date of enactment of this Act, a  
20                survey of individuals who have filed a complaint or  
21                disclosure with the Office.

22                (2) *PURPOSE.*—The survey under paragraph (1)  
23                shall be designed for the purpose of collecting infor-  
24                mation and improving service at various stages of a

1 *review or investigation by the Office of Special Coun-*  
2 *sel.*

3 (3) *RESULTS.—The results of the survey under*  
4 *paragraph (1) shall be published in the annual report*  
5 *of the Office of Special Counsel.*

6 (4) *SUSPENSION OF OTHER SURVEYS.—During*  
7 *the period beginning on October 1, 2017, and ending*  
8 *on September 30, 2018, section 13 of the Act entitled*  
9 *“An Act to reauthorize the Office of Special Counsel,*  
10 *and for other purposes”, approved October 29, 1994*  
11 *(5 U.S.C. 1212 note), shall have no force or effect.*

12 (l) *STAYS OF THE MERIT SYSTEMS PROTECTION*  
13 *BOARD.—Section 1214(b)(1)(B)(ii) of title 5, United States*  
14 *Code, is amended by striking “who was appointed, by and*  
15 *with the advice and consent of the Senate,”.*

16 (m) *REGULATIONS.—*

17 (1) *IN GENERAL.—Not later than 2 years after*  
18 *the date of enactment of this Act, the Special Counsel*  
19 *shall prescribe such regulations as may be necessary*  
20 *to perform—*

21 (A) *the functions of the Special Counsel*  
22 *under subchapter II of chapter 12 of title 5,*  
23 *United States Code, including regulations that*  
24 *are necessary to carry out sections 1213, 1214,*  
25 *and 1215 of that title; and*

1           (B) any functions of the Special Counsel  
2           that are required because of the amendments  
3           made by this section.

4           (2) *PUBLICATION.*—Any regulations prescribed  
5           under paragraph (1) shall be published in the Federal  
6           Register.

7           (n) *AUTHORIZATION OF APPROPRIATIONS.*—

8           (1) *IN GENERAL.*—Section 8(a)(2) of the Whistle-  
9           blower Protection Act of 1989 (5 U.S.C. 5509 note) is  
10          amended by striking “2003, 2004, 2005, 2006, and  
11          2007” and inserting “2017 through 2022”.

12          (2) *EFFECTIVE DATE.*—The amendment made by  
13          paragraph (1) shall take effect as though enacted on  
14          September 30, 2015.

15 **SEC. 6006. RULE OF CONSTRUCTION ON CERTIFICATIONS**  
16                   **ON AUDIT READINESS OF THE DEPARTMENT**  
17                   **OF DEFENSE AND THE MILITARY DEPART-**  
18                   **MENTS, DEFENSE AGENCIES, AND OTHER OR-**  
19                   **GANIZATIONS AND ELEMENTS OF THE DE-**  
20                   **PARTMENT OF DEFENSE.**

21          Section 1003 shall have no force or effect.

1 **SEC. 6007. CERTIFICATIONS ON RELIABILITY OF THE FI-**  
2 **NANCIAL STATEMENTS OF THE DEPARTMENT**  
3 **OF DEFENSE AND THE MILITARY DEPART-**  
4 **MENTS, DEFENSE AGENCIES, AND OTHER OR-**  
5 **GANIZATIONS AND ELEMENTS OF THE DE-**  
6 **PARTMENT OF DEFENSE.**

7 (a) *DEPARTMENT OF DEFENSE.*—Not later than Sep-  
8 tember 30, 2017, and each year thereafter, the Secretary  
9 of Defense shall certify to the congressional defense commit-  
10 tees whether or not the full financial statements of the De-  
11 partment of Defense are reliable as of the date of such cer-  
12 tification.

13 (b) *MILITARY DEPARTMENTS, DEFENSE AGENCIES,*  
14 *AND OTHER ORGANIZATIONS AND ELEMENTS.*—

15 (1) *IN GENERAL.*—Not later than September 30,  
16 2017, and each year thereafter, each Secretary of a  
17 military department, each head of a Defense Agency,  
18 and each head of any other organization or element  
19 of the Department of Defense designated by the Sec-  
20 retary of Defense for purposes of this subsection shall  
21 certify to the congressional defense committees whether  
22 or not the full financial statements of the military de-  
23 partment, the Defense Agency, or the organization or  
24 element concerned became reliable during the fiscal  
25 year in which such certification is to be submitted.

1           (2) *TRANSMITTAL THROUGH SECRETARY OF DE-*  
2           *FENSE.—The individual certifications required by*  
3           *this subsection shall be transmitted to the congres-*  
4           *sional defense committees collectively by the Secretary*  
5           *under procedures established by the Secretary for pur-*  
6           *poses of this subsection.*

7           (c) *TERMINATION ON RECEIPT OF UNMODIFIED AUDIT*  
8           *OPINION ON FULL FINANCIAL STATEMENTS.—A certifi-*  
9           *cation is no longer required under subsection (a) or (b) with*  
10          *respect to the Department of Defense, or a military depart-*  
11          *ment, Defense Agency, or organization or element of the De-*  
12          *partment, as applicable, after the Department of Defense*  
13          *or such military department, Defense Agency, or organiza-*  
14          *tion or element receives an unmodified audit opinion on*  
15          *its full financial statements.*

16       **SEC. 6008. STREAMLINING OF REQUIREMENTS IN CONNEC-**  
17                                **TION WITH AUDITS AND THE RELIABILITY OF**  
18                                **THE FINANCIAL STATEMENTS OF THE DE-**  
19                                **PARTMENT OF DEFENSE.**

20          (a) *REPEAL OF LIMITATION ON INSPECTOR GENERAL*  
21          *CONDUCT OF AUDIT OF UNRELIABLE FINANCIAL STATE-*  
22          *MENTS.—Section 1008 of the National Defense Authoriza-*  
23          *tion Act for Fiscal Year 2002 (10 U.S.C. 113 note) is*  
24          *amended by striking subseciton (d).*

1       **(b) CESSATION OF APPLICABILITY OF FINANCIAL IM-**  
2 **PROVEMENT AND AUDIT READINESS PLAN REQUIRE-**  
3 **MENTS.**—*Section 1003 of the National Defense Authoriza-*  
4 *tion Act for Fiscal Year 2010 (10 U.S.C. 2222 note) is*  
5 *amended by adding at the end the following new subsection:*

6       “(d) **CESSATION OF APPLICABILITY.**—*This section and*  
7 *the requirements of this section shall cease to be effective*  
8 *on the date on which the Secretary of Defense submits to*  
9 *the congressional defense committees a report setting forth*  
10 *a certification that the financial statements of each depart-*  
11 *ment, agency, activity, and other component of the Depart-*  
12 *ment of Defense are under audit.”.*

13 **SEC. 6009. RANKINGS OF AUDITABILITY OF FINANCIAL**  
14 **STATEMENTS OF THE ORGANIZATIONS AND**  
15 **ELEMENTS OF THE DEPARTMENT OF DE-**  
16 **FENSE.**

17       *Not later than 30 days after the date of the enactment*  
18 *of this Act, and annually thereafter, the Secretary of De-*  
19 *fense shall, in coordination with the Under Secretary of De-*  
20 *fense (Comptroller), submit to the congressional defense*  
21 *committees a report setting forth a ranking of the*  
22 *auditability of the financial statements of the departments,*  
23 *agencies, organizations, and elements of the Department of*  
24 *Defense according to the progress made toward achieving*  
25 *auditability as required by law. The Under Secretary shall*

1 *determine the criteria to be used for purposes of the*  
2 *rankings.*

3 **SEC. 6010. REPORT ON IMPLEMENTATION OF COMP-**  
4 **TROLLER GENERAL OF THE UNITED STATES**  
5 **RECOMMENDATIONS FOR THE DEPARTMENT**  
6 **OF DEFENSE, DEPARTMENT OF STATE, AND**  
7 **UNITED STATES AGENCY FOR INTER-**  
8 **NATIONAL DEVELOPMENT.**

9 *(a) REPORT.—*

10 *(1) IN GENERAL.—Concerned that, by avoiding*  
11 *full implementation of recommendations made by the*  
12 *Comptroller General of the United States, agencies*  
13 *are missing opportunities to operate more efficiently*  
14 *and effectively, not later than 120 days after the date*  
15 *of the enactment of this Act, the Comptroller General*  
16 *shall submit to the appropriate committees of Con-*  
17 *gress a report summarizing the assessment of the*  
18 *Comptroller General of each open recommendation*  
19 *made to an agency specified in paragraph (2) that*  
20 *has not been fully implemented.*

21 *(2) AGENCIES.—The agencies referred to in this*  
22 *paragraph are as follows:*

23 *(A) The Department of Defense.*

24 *(B) The Department of State.*

1                   (C) *The United States Agency for Inter-*  
2                   *national Development.*

3           (b) *ELEMENTS.*—*The report required by subsection (a)*  
4 *shall include a detailed description of the following:*

5                   (1) *The initial response of the agency concerned*  
6 *to each recommendation described in subsection (a)(1)*  
7 *at the time such recommendation was made.*

8                   (2) *The actions taken by the agency concerned to*  
9 *implement such recommendation.*

10                  (3) *The rationale provided by the agency con-*  
11 *cerned for not implementing, or partially imple-*  
12 *menting, such recommendation.*

13           (c) *FORM.*—*Any information included in a report*  
14 *under this section shall, to the extent practicable, be sub-*  
15 *mitted in unclassified form, but may be set forth in a classi-*  
16 *fied annex.*

17           (d) *APPROPRIATE COMMITTEES OF CONGRESS DE-*  
18 *FINED.*—*In this section, the term “appropriate committees*  
19 *of Congress” means—*

20                   (1) *the Committee on Armed Services, the Com-*  
21 *mittee on Foreign Relations, and the Committee on*  
22 *Appropriations of the Senate; and*

23                   (2) *the Committee on Armed Services, the Com-*  
24 *mittee on Foreign Affairs, and the Committee on Ap-*  
25 *propriations of the House of Representatives.*

1 **SEC. 6011. REPORT ON AIRPORTS USED BY MAHAN AIR.**

2       (a) *IN GENERAL.*—Not later than 120 days after the  
3 date of the enactment of this Act, and annually thereafter  
4 through 2020, the Secretary of Homeland Security, in con-  
5 sultation with the Secretary of Transportation, the Sec-  
6 retary of State, the Secretary of the Treasury, and the Di-  
7 rector of National Intelligence, shall submit to Congress a  
8 report that includes—

9           (1) a list of all airports at which aircraft owned  
10 or controlled by Mahan Air have landed during the  
11 2 years preceding the submission of the report; and

12           (2) for each such airport—

13               (A) an assessment of whether aircraft owned  
14 or controlled by Mahan Air continue to conduct  
15 operations at that airport;

16               (B) an assessment of whether any of the  
17 landings of aircraft owned or controlled by  
18 Mahan Air were necessitated by an emergency  
19 situation;

20               (C) a determination regarding whether ad-  
21 ditional security measures should be imposed on  
22 flights to the United States that originate from  
23 that airport; and

24               (D) an explanation of the rationale for that  
25 determination.

1       (b) *FORM OF REPORT.*—Each report required by sub-  
2 section (a) shall be submitted in unclassified form, but may  
3 include a classified annex.

4 **SEC. 6012. OPEN GOVERNMENT DATA.**

5       (a) *SHORT TITLE.*—This section may be cited as the  
6 “Open, Public, Electronic, and Necessary Government Data  
7 Act” or the “OPEN Government Data Act”.

8       (b) *DEFINITION.*—In this section, the term “agency”  
9 has the meaning given the term in section 3561 of title 44,  
10 United States Code, as added by subsection (c).

11       (c) *OPEN GOVERNMENT DATA.*—

12               (1) *IN GENERAL.*—Chapter 35 of title 44, United  
13 States Code, is amended by adding at the end the fol-  
14 lowing:

15       **“Subchapter III—Open Government Data**

16       **“§ 3561. Definitions**

17       “As used in this subchapter—

18               “(1) the term ‘agency’—

19                       “(A) has the meaning given the term in sec-  
20 tion 3502; and

21                       “(B) includes the Federal Election Commis-  
22 sion;

23               “(2) the term ‘data’ means recorded information,  
24 regardless of form or the media on which the data is  
25 recorded;

1           “(3) the term ‘data asset’ means a collection of  
2 data elements or data sets that may be grouped to-  
3 gether;

4           “(4) the term ‘Director’ means the Director of the  
5 Office of Management and Budget;

6           “(5) the term ‘Enterprise Data Inventory’ means  
7 a data inventory developed and maintained under  
8 section 3563;

9           “(6) the terms ‘information resources manage-  
10 ment’, ‘information system’, and ‘information tech-  
11 nology’ have the meanings given those terms in sec-  
12 tion 3502;

13           “(7) the term ‘machine-readable’ means a format  
14 in which information or data can be easily processed  
15 by a computer without human intervention while en-  
16 suring no semantic meaning is lost;

17           “(8) the term ‘metadata’ means structural or de-  
18 scriptive information about data such as content, for-  
19 mat, source, rights, accuracy, provenance, frequency,  
20 periodicity, granularity, publisher or responsible  
21 party, contact information, method of collection, and  
22 other descriptions;

23           “(9) the term ‘open Government data asset’  
24 means a data asset maintained by the Federal Gov-  
25 ernment that is—

1           “(A) machine-readable;

2           “(B) available in an open format;

3           “(C) not encumbered by restrictions that  
4 would impede use or reuse;

5           “(D) releasable to the public according to  
6 guidance issued by the Director under section  
7 3562(d); and

8           “(E) based on an underlying open standard  
9 that is maintained by a standards organization;  
10 and

11          “(10) the term ‘open license’ means a legal guar-  
12 antee applied to a data asset that the data asset is  
13 made available—

14           “(A) at no cost to the public; and

15           “(B) with no restrictions on copying, pub-  
16 lishing, distributing, transmitting, citing, or  
17 adapting.

18 **“§ 3562. Requirements for Government data**

19          “(a) *MACHINE-READABLE DATA REQUIRED.*—Open  
20 Government data assets made available by an agency shall  
21 be published as machine-readable data.

22          “(b) *OPEN BY DEFAULT AND OPEN LICENSE RE-*  
23 *QUIRED.*—To the extent permitted by law and subject to  
24 privacy, confidentiality, security, and any other restric-

1 tions, and according to guidance issued by the Director  
2 under subsection (d)—

3 “(1) data assets maintained by the Federal Gov-  
4 ernment shall—

5 “(A) be available in an open format; and

6 “(B) be available under open licenses; and

7 “(2) open Government data assets published by  
8 or for an agency shall be made available under an  
9 open license.

10 “(c) *INNOVATION*.—Each agency may engage with  
11 nongovernmental organizations, citizens, nonprofit organi-  
12 zations, colleges and universities, private and public com-  
13 panies, and other agencies to explore opportunities to lever-  
14 age the data assets of the agency in a manner that may  
15 provide new opportunities for innovation in the public and  
16 private sectors in accordance with law, regulation, and pol-  
17 icy.

18 “(d) *GUIDANCE FOR OPEN BY DEFAULT AND OPEN LI-*  
19 *CENSE REQUIREMENTS*.—The Director shall issue guidance  
20 for agencies to use in implementing subsections (a) and (b),  
21 including criteria that the head of each agency shall use  
22 in determining whether to make a particular data asset  
23 publicly available in a manner that takes into account—

24 “(1) privacy and confidentiality risks and re-  
25 strictions, including the risk that an individual data

1 *asset in isolation does not pose a privacy or confiden-*  
2 *tiality risk but when combined with other available*  
3 *information may pose such a risk;*

4 “(2) *security considerations, including the risk*  
5 *that information in an individual data asset in isola-*  
6 *tion does not pose a security risk but when combined*  
7 *with other available information may pose such a*  
8 *risk;*

9 “(3) *the cost and benefits to the public of con-*  
10 *verting a data asset into a machine-readable format*  
11 *that is accessible and useful to the public;*

12 “(4) *the expectation that a data asset be dis-*  
13 *closed, if it would otherwise be made available under*  
14 *section 552 of title 5 (commonly known as the ‘Free-*  
15 *dom of Information Act’); and*

16 “(5) *any other considerations that the Director*  
17 *determines to be relevant.*

18 **“§ 3563. Enterprise Data Inventory**

19 “(a) *AGENCY DATA INVENTORY REQUIRED.—*

20 “(1) *IN GENERAL.—In order to develop a clear*  
21 *and comprehensive understanding of the data assets*  
22 *in the possession of an agency, the head of each agen-*  
23 *cy, in consultation with the Director, shall develop*  
24 *and maintain an enterprise data inventory that ac-*  
25 *counts for any data asset created, collected, under the*

1 *control or direction of, or maintained by the agency*  
2 *after the effective date of this section, with the goal of*  
3 *including all data assets, to the extent practicable.*

4 “(2) *CONTENTS.—Each Enterprise Data Inven-*  
5 *tory shall include the following:*

6 “(A) *Data assets used in agency informa-*  
7 *tion systems (including program administration,*  
8 *statistics, and financial activity) generated by*  
9 *applications, devices, networks, facilities, and*  
10 *equipment, categorized by source type.*

11 “(B) *Data assets shared or maintained*  
12 *across agency programs and bureaus.*

13 “(C) *Data assets that are shared among*  
14 *agencies or created by more than 1 agency.*

15 “(D) *A clear indication of all data assets*  
16 *that can be made publicly available under sec-*  
17 *tion 552 of title 5 (commonly known as the*  
18 *‘Freedom of Information Act’).*

19 “(E) *A description of whether the agency*  
20 *has determined that an individual data asset*  
21 *may be made publicly available and whether the*  
22 *data asset is available to the public.*

23 “(F) *Open Government data assets.*

1           “(G) Other elements as required by the  
2           guidance issued by the Director under subsection  
3           (c).

4           “(b) *PUBLIC AVAILABILITY.*—The Chief Information  
5           Officer of each agency, in coordination with privacy and  
6           security officials of the agency, shall use the guidance issued  
7           by the Director under section 3562(d) in determining  
8           whether to make data assets included in the Enterprise  
9           Data Inventory of the agency publicly available in an open  
10          format and under an open license.

11          “(c) *GUIDANCE FOR ENTERPRISE DATA INVENTORY.*—  
12          The Director shall issue guidance for each Enterprise Data  
13          Inventory, including a requirement that an Enterprise  
14          Data Inventory includes a compilation of metadata about  
15          agency data assets.

16          “(d) *AVAILABILITY OF ENTERPRISE DATA INVEN-*  
17          *TORY.*—The Chief Information Officer of each agency—

18                 “(1) shall make the Enterprise Data Inventory of  
19                 the agency available to the public on the Federal Data  
20                 Catalog required under section 3566;

21                 “(2) shall ensure that access to the Enterprise  
22                 Data Inventory of the agency and the data contained  
23                 therein is consistent with applicable law, regulation,  
24                 and policy; and

1           “(3) may implement paragraph (1) in a manner  
2           that maintains a nonpublic portion of the Enterprise  
3           Data Inventory of the agency.

4           “(e) *REGULAR UPDATES REQUIRED.*—The Chief In-  
5           formation Officer of each agency shall—

6           “(1) to the extent practicable, complete the En-  
7           terprise Data Inventory for the agency not later than  
8           1 year after the date of enactment of this section; and

9           “(2) add additional data assets to the Enterprise  
10          Data Inventory for the agency not later than 90 days  
11          after the date on which the data asset is created or  
12          identified.

13          “(f) *USE OF EXISTING RESOURCES.*—When prac-  
14          ticable, the Chief Information Officer of each agency shall  
15          use existing procedures and systems to compile and publish  
16          the Enterprise Data Inventory for the agency.

17          **“§ 3564. Federal agency responsibilities**

18          “(a) *INFORMATION RESOURCES MANAGEMENT.*—With  
19          respect to general information resources management, each  
20          agency shall—

21                 “(1) improve the integrity, quality, and utility  
22                 of information to all users within and outside the  
23                 agency by—

24                         “(A) using open format for any new open  
25                         Government data asset created or obtained on or

1           *after the date that is 1 year after the date of en-*  
2           *actment of this section; and*

3           *“(B) to the extent practicable, encouraging*  
4           *the adoption of open format for all open Govern-*  
5           *ment data assets created or obtained before the*  
6           *date described in subparagraph (A); and*

7           *“(2) in consultation with the Director, develop*  
8           *an open data plan that, at a minimum and to the*  
9           *extent practicable—*

10           *“(A) requires the agency to develop proc-*  
11           *esses and procedures that—*

12           *“(i) require each new data collection*  
13           *mechanism to use an open format; and*

14           *“(ii) allow the agency to collaborate*  
15           *with non-Government entities, researchers,*  
16           *businesses, and private citizens for the pur-*  
17           *pose of understanding how data users value*  
18           *and use open Government data assets;*

19           *“(B) identifies and implements methods for*  
20           *collecting and analyzing digital information on*  
21           *data asset usage by users within and outside of*  
22           *the agency, including designating a point of con-*  
23           *tact within the agency to assist the public and*  
24           *to respond to quality issues, usability issues, rec-*

1           *ommendations for improvements, and complaints*  
2           *about adherence to open data requirements;*

3           “(C) *develops and implements a process to*  
4           *evaluate and improve the timeliness, complete-*  
5           *ness, accuracy, usefulness, and availability of*  
6           *open Government data assets;*

7           “(D) *requires the agency to update the plan*  
8           *at an interval determined by the Director;*

9           “(E) *includes requirements for meeting the*  
10          *goals of the agency open data plan including*  
11          *technology, training for employees, and imple-*  
12          *menting procurement standards, in accordance*  
13          *with existing law, regulation, and policy, that*  
14          *allow for the acquisition of innovative solutions*  
15          *from the public and private sectors; and*

16          “(F) *prohibits the disclosure of data assets*  
17          *unless the data asset may be released to the pub-*  
18          *lic in accordance with guidance issued by the*  
19          *Director under section 3562(d).*

20          “(b) *INFORMATION DISSEMINATION.—With respect to*  
21          *information dissemination, each agency—*

22                 “(1) *shall provide access to open Government*  
23                 *data assets online;*

24                 “(2) *shall take the necessary precautions to en-*  
25                 *sure that the agency maintains the production and*

1 *publication of data assets which are directly related*  
2 *to activities that protect the safety of human life or*  
3 *property, as identified by the open data plan of the*  
4 *agency required under subsection (a)(2); and*

5 *“(3) may engage the public in using open Gov-*  
6 *ernment data assets and encourage collaboration by—*

7 *“(A) publishing information on open Gov-*  
8 *ernment data assets usage in regular, timely in-*  
9 *tervals, but not less frequently than annually;*

10 *“(B) receiving public input regarding pri-*  
11 *orities for the analysis and disclosure of data as-*  
12 *sets to be published;*

13 *“(C) assisting civil society groups and*  
14 *members of the public working to expand the use*  
15 *of open Government data assets; and*

16 *“(D) hosting challenges, competitions,*  
17 *events, or other initiatives designed to create ad-*  
18 *ditional value from open Government data as-*  
19 *sets.*

20 **“§ 3565. Additional agency data asset management re-**  
21 **sponsibilities**

22 *“The Chief Information Officer of each agency, or other*  
23 *appropriate official designated by the head of an agency,*  
24 *in collaboration with other internal agency stakeholders, is*  
25 *responsible for—*

1           “(1) data asset management, format standard-  
2           ization, sharing of data assets, and publication of  
3           data assets for the agency;

4           “(2) the compilation and publication of the En-  
5           terprise Data Inventory for the agency required under  
6           section 3563;

7           “(3) ensuring that agency data conforms with  
8           open data best practices;

9           “(4) engaging agency employees, the public, and  
10          contractors in using open Government data assets  
11          and encouraging collaborative approaches to improv-  
12          ing data use;

13          “(5) supporting the agency Performance Im-  
14          provement Officer in generating data to support the  
15          function of the Performance Improvement Officer de-  
16          scribed in section 1124(a)(2) of title 31;

17          “(6) supporting officials responsible for leading  
18          agency mission areas and Governmentwide initiatives  
19          in maximizing data available for program adminis-  
20          tration, statistics, evaluation, research, and internal  
21          financial management, subject to any privacy, con-  
22          fidentiality, security laws and policies, and other  
23          valid restrictions;

24          “(7) reviewing the information technology infra-  
25          structure of the agency and the impact of the infra-

1 *structure on making data assets accessible to reduce*  
2 *barriers that inhibit data asset accessibility;*

3 *“(8) ensuring that, to the extent practicable, the*  
4 *agency is maximizing data assets used in agency in-*  
5 *formation systems generated by applications, devices,*  
6 *networks, facilities, and equipment, categorized by*  
7 *source type, and such use is not otherwise prohibited,*  
8 *to reduce costs, improve operations, and strengthen se-*  
9 *curity and privacy protections; and*

10 *“(9) identifying points of contact for roles and*  
11 *responsibilities related to open data use and imple-*  
12 *mentation as required by the Director.*

13 **“§ 3566. Federal Data Catalog**

14 *“(a) FEDERAL DATA CATALOG REQUIRED.—The Ad-*  
15 *ministrator of General Services shall maintain a single*  
16 *public interface online, to be known as the ‘Federal Data*  
17 *Catalog’, as a point of entry dedicated to sharing open Gov-*  
18 *ernment data assets with the public.*

19 *“(b) COORDINATION WITH AGENCIES.—The Director*  
20 *shall determine, after consultation with the head of each*  
21 *agency and the Administrator of General Services, the*  
22 *method to access any open Government data assets pub-*  
23 *lished through the interface described in subsection (a).”.*

24 *(2) SPECIAL PROVISIONS.—*

1           (A) *EFFECTIVE DATE.*—*Notwithstanding*  
2           *subsection (i), section 3562 of title 44, United*  
3           *States Code, as added by paragraph (1), shall*  
4           *take effect on the date that is 1 year after the*  
5           *date of enactment of this Act and shall apply*  
6           *with respect to any contract entered into by an*  
7           *agency on or after such effective date.*

8           (B) *USE OF OPEN DATA ASSETS.*—*Not later*  
9           *than 1 year after the date of enactment of this*  
10           *Act, the head of each agency shall ensure that*  
11           *any activities by the agency or any new contract*  
12           *entered into by the agency meet the requirements*  
13           *of section 3562 of title 44, United States Code,*  
14           *as added by paragraph (1).*

15           (C) *DEADLINE FOR FEDERAL DATA CATA-*  
16           *LOG.*—*Not later than 180 days after the effective*  
17           *date of this section, the Administrator of General*  
18           *Services shall meet the requirements of section*  
19           *3566 of title 44, United States Code, as added by*  
20           *paragraph (1)*

21           (3) *TECHNICAL AND CONFORMING AMEND-*  
22           *MENT.*—*The table of sections for chapter 35 of title*  
23           *44, United States Code, is amended by adding at the*  
24           *end the following:*

“SUBCHAPTER III—OPEN GOVERNMENT DATA

“3561. Definitions.

“3562. *Requirements for Government data.*

“3563. *Enterprise Data Inventory.*

“3564. *Federal agency responsibilities.*

“3565. *Additional agency data asset management responsibilities.*

“3566. *Federal Data Catalog.*”.

1           (d) *EVALUATION OF AGENCY ANALYTICAL CAPABILI-*  
2 *TIES.—*

3                   (1) *AGENCY REVIEW OF EVALUATION AND ANAL-*  
4 *YSIS CAPABILITIES; REPORT.—Not later than 3 years*  
5 *after the date of enactment of this Act, the Chief Op-*  
6 *erating Officer of each agency shall submit to the*  
7 *Committee on Homeland Security and Governmental*  
8 *Affairs of the Senate, the Committee on Oversight and*  
9 *Government Reform of the House of Representatives,*  
10 *and the Director of the Office of Management and*  
11 *Budget a report on the review described in paragraph*  
12 *(2).*

13                   (2) *REQUIREMENTS OF AGENCY REVIEW.—The*  
14 *report required under paragraph (1) shall assess the*  
15 *coverage, quality, methods, effectiveness, and inde-*  
16 *pendence of the evaluation, research, and analysis ef-*  
17 *forts of an agency, including each of the following:*

18                           (A) *A list of the activities and operations of*  
19 *the agency that are being evaluated and ana-*  
20 *lyzed and the activities and operations that have*  
21 *been evaluated and analyzed during the previous*  
22 *5 years.*

1           (B) *The extent to which the evaluations, re-*  
2 *search, and analysis efforts and related activities*  
3 *of the agency support the needs of various divi-*  
4 *sions within the agency.*

5           (C) *The extent to which the evaluation re-*  
6 *search and analysis efforts and related activities*  
7 *of the agency address an appropriate balance be-*  
8 *tween needs related to organizational learning,*  
9 *ongoing program management, performance*  
10 *management, strategic management, interagency*  
11 *and private sector coordination, internal and ex-*  
12 *ternal oversight, and accountability.*

13           (D) *The extent to which the agency uses*  
14 *methods and combinations of methods that are*  
15 *appropriate to agency divisions and the cor-*  
16 *responding research questions being addressed,*  
17 *including an appropriate combination of forma-*  
18 *tive and summative evaluation research and*  
19 *analysis approaches.*

20           (E) *The extent to which evaluation and re-*  
21 *search capacity is present within the agency to*  
22 *include personnel, agency process for planning*  
23 *and implementing evaluation activities, dissemi-*  
24 *nating best practices and findings, and incor-*  
25 *porating employee views and feedback.*

1           (F) *The extent to which the agency has the*  
2           *capacity to assist front-line staff and program*  
3           *offices to develop the capacity to use evaluation*  
4           *research and analysis approaches and data in*  
5           *the day-to-day operations.*

6           (3) *GAO REVIEW OF AGENCY REPORTS.—Not*  
7           *later than 4 years after the date of enactment of this*  
8           *Act, the Comptroller General of the United States*  
9           *shall submit to Congress a report that summarizes*  
10          *agency findings and highlights trends from the re-*  
11          *ports submitted under paragraph (1) and, if appro-*  
12          *priate, recommends actions to further improve agency*  
13          *capacity to use evaluation techniques and data to*  
14          *support evaluation efforts.*

15          (e) *ONLINE REPOSITORY AND ADDITIONAL RE-*  
16          *PORTS.—*

17                 (1) *REPOSITORY.—The Director of the Office of*  
18                 *Management and Budget shall collaborate with the*  
19                 *Office of Government Information Services and the*  
20                 *Administrator of General Services to develop and*  
21                 *maintain an online repository of tools, best practices,*  
22                 *and schema standards to facilitate the adoption of*  
23                 *open data practices, which shall—*

24                         (A) *include definitions, regulation and pol-*  
25                         *icy, checklists, and case studies related to open*

1           *data, this section, and the amendments made by*  
2           *this section; and*

3                     *(B) facilitate collaboration and the adop-*  
4                     *tion of best practices across the Federal Govern-*  
5                     *ment relating to the adoption of open data prac-*  
6                     *tices.*

7           *(2) GAO REPORT.—Not later than 3 years after*  
8           *the date of enactment of this Act, the Comptroller*  
9           *General of the United States shall submit to the Com-*  
10           *mittee on Homeland Security and Governmental Af-*  
11           *airs of the Senate and the Committee on Oversight*  
12           *and Government Reform of the House of Representa-*  
13           *tives a report that identifies—*

14                     *(A) the value of information made available*  
15                     *to the public as a result of this section and the*  
16                     *amendments made by this section;*

17                     *(B) whether it is valuable to expand the*  
18                     *publicly available information to any other data*  
19                     *assets; and*

20                     *(C) the completeness of the Enterprise Data*  
21                     *Inventory at each agency required under section*  
22                     *3563 of title 44, United States Code, as added by*  
23                     *subsection (c).*

24           *(3) BIENNIAL OMB REPORT.—Not later than 1*  
25           *year after the effective date of this section, and every*

1       2 years thereafter, the Director of the Office of Man-  
2       agement and Budget shall electronically publish a re-  
3       port on agency performance and compliance with this  
4       section and the amendments made by this section.

5           (4) AGENCY CIO REPORT.—Not later than 1 year  
6       after the effective date of this section and every year  
7       thereafter, the Chief Information Officer of each agen-  
8       cy shall submit to the Committee on Homeland Secu-  
9       rity and Governmental Affairs of the Senate and the  
10      Committee on Homeland Security of the House of  
11      Representatives a report on compliance with the re-  
12      quirements of this section and the amendments made  
13      by this section, including information on the require-  
14      ments that the agency could not meet and what the  
15      agency needs to comply with those requirements.

16      (f) GUIDANCE.—The Director of the Office of Manage-  
17      ment and Budget shall delegate to the Administrator of the  
18      Office of Information and Regulatory Affairs and the Ad-  
19      ministrator of the Office of Electronic Government the au-  
20      thority to jointly issue guidance required under this section.

21      (g) NATIONAL SECURITY SYSTEMS.—This section and  
22      the amendments made by this section shall not apply to  
23      data assets that are contained in a national security sys-  
24      tem, as defined in section 11103 of title 40, United States  
25      Code.

1       (h) *RULE OF CONSTRUCTION.*—Nothing in this sec-  
2 tion, or the amendments made by this section, shall be con-  
3 strued to require the disclosure of information or records  
4 that may be withheld from public disclosure under any pro-  
5 vision of Federal law, including section 552 of title 5,  
6 United States Code (commonly known as the “Freedom of  
7 Information Act”) and section 552a of title 5, United States  
8 Code (commonly known as the “Privacy Act of 1974”).

9       (i) *EFFECTIVE DATE.*—This section, and the amend-  
10 ments made by this section, shall take effect on the date  
11 that is 180 days after the date of enactment of this Act.

12 **SEC. 6013. BRIEFING ON PLANS TO DEVELOP AND IMPROVE**  
13 **ADDITIVE MANUFACTURING CAPABILITIES.**

14       Not later than December 1, 2017, the Secretary of De-  
15 fense shall brief the Committees on Armed Services of the  
16 Senate and the House of Representatives on the Depart-  
17 ment’s plans to develop and improve additive manufac-  
18 turing, including the Department’s plans to—

19           (1) develop military and quality assurance  
20 standards as quickly as possible;

21           (2) leverage current manufacturing institutes to  
22 conduct research in the validation of quality stand-  
23 ards for additive manufactured parts; and

1           (3) *further integrate additive manufacturing ca-*  
2           *pabilities and capacity into the Department's organic*  
3           *depots, arsenals, and shipyards.*

4           ***TITLE LXII—MATTERS RELATING***  
5           ***TO FOREIGN NATIONS***

6           ***SEC. 6201. ADVANCEMENTS IN DEFENSE COOPERATION BE-***  
7           ***TWEEN THE UNITED STATES AND INDIA.***

8           *(a) STRATEGY TO FURTHER COOPERATION.—*

9           *(1) IN GENERAL.—Not later than 180 days after*  
10           *the date of the enactment of this Act, the Secretary of*  
11           *Defense shall, in consultation with the Secretary of*  
12           *State, develop a strategy for advancing defense co-*  
13           *operation between the United States and India.*

14           *(2) ELEMENTS.—The strategy shall address the*  
15           *following:*

16                   *(A) Common security challenges.*

17                   *(B) The role of United States partners and*  
18           *allies in the United States-India defense rela-*  
19           *tionship.*

20                   *(C) The role of the Defense Technology and*  
21           *Trade Initiative.*

22                   *(D) How to advance the Communications*  
23           *Interoperability and Security Memorandum of*  
24           *Agreement and the Basic Exchange and Co-*  
25           *operation Agreement for Geospatial Cooperation.*

1           (E) *The role of joint exercises, operations,*  
2           *patrols and mutual defense planning.*

3           (F) *Any other matters the Secretary of De-*  
4           *fense or the Secretary of State considers appro-*  
5           *priate.*

6           (b) *INDIA AS MAJOR DEFENSE PARTNER.—*

7           (1) *FINDINGS.—Congress makes the following*  
8           *findings:*

9           (A) *Subsection (a)(1)(A) of section 1292 of*  
10           *the National Defense Authorization Act for Fis-*  
11           *cal Year 2017 (Public Law 114–328; 130 Stat.*  
12           *2559; 22 U.S.C. 2751 note) requires the recogni-*  
13           *tion of India as a major defense partner.*

14           (B) *The President and the Prime Minister*  
15           *of India, in a joint statement, noted that India*  
16           *is a Major Defense Partner of the United States.*

17           (C) *The designation of “Major Defense*  
18           *Partner” is unique to India, and institutional-*  
19           *izes the progress made to facilitate defense trade*  
20           *and technology sharing between the United*  
21           *States and India.*

22           (D) *The designation elevates defense trade*  
23           *and technology cooperation between the United*  
24           *States and India to a level commensurate with*

1           *the closest allies and partners of the United*  
2           *States.*

3           *(E) The designation is intended to facilitate*  
4           *technology sharing between the United States*  
5           *and India, including license-free access to a wide*  
6           *range of dual-use technologies.*

7           *(F) The designation facilitates joint exer-*  
8           *cises, coordination on defense strategy and pol-*  
9           *icy, military exchanges, and port calls in sup-*  
10          *port of defense cooperation between the United*  
11          *States and India.*

12          *(2) INTERAGENCY DEFINITION.—The Secretary of*  
13          *Defense, the Secretary of State, and the Secretary of*  
14          *Commerce shall jointly produce a common definition*  
15          *of the term “Major Defense Partner” as it relates to*  
16          *India for joint use by the Department of Defense, the*  
17          *Department of State, and the Department of Com-*  
18          *merce.*

19          *(c) RESPONSIBILITY FOR ENHANCED COOPERATION.—*

20                 *(1) IN GENERAL.—Not later than 90 days after*  
21                 *the date of the enactment of this Act, the Secretary of*  
22                 *Defense and the Secretary of State shall make the des-*  
23                 *ignation required by subsection (a)(1)(B) of section*  
24                 *1292 of the National Defense Authorization Act for*  
25                 *Fiscal Year 2017.*

1           (2) *ADDITIONAL DUTIES.*—*In addition to the du-*  
2 *ties specified in clauses (i) and (ii) of subsection*  
3 *(a)(1)(B) of such section 1292, the individual des-*  
4 *ignated pursuant to paragraph (1) shall promote*  
5 *United States defense trade with India for the benefit*  
6 *of job creation and commercial competitiveness in the*  
7 *United States.*

8           (3) *BRIEFINGS.*—*Not later than 90 days after*  
9 *the date of the enactment of this Act, and every 90*  
10 *days thereafter, appropriate officials of the Office of*  
11 *the Secretary of Defense and appropriate officials of*  
12 *the Department of State shall brief the appropriate*  
13 *committees of Congress on the actions of the Depart-*  
14 *ment of Defense and the Department of State, respec-*  
15 *tively, to promote the competitiveness of United States*  
16 *defense exports to India. The requirement for briefings*  
17 *under this paragraph shall cease on the date of the*  
18 *designation of an individual pursuant to paragraph*  
19 *(1).*

20           (4) *APPROPRIATE COMMITTEES OF CONGRESS*  
21 *DEFINED.*—*In this subsection, the term “appropriate*  
22 *committees of Congress” means—*

23                   (A) *the Committee on Armed Services and*  
24                   *the Committee on Foreign Relations of the Sen-*  
25                   *ate; and*

1           *(B) the Committee on Armed Services and*  
2           *the Committee on Foreign Affairs of the House*  
3           *of Representatives.*

4 **SEC. 6202. COMPTROLLER GENERAL OF THE UNITED**  
5           **STATES REPORT.**

6           *(a) RULE OF CONSTRUCTION.—Subsection (b) is en-*  
7           *acted in coordination with section 1205, to which it relates.*

8           *(b) COMPTROLLER GENERAL OF THE UNITED STATES*  
9           *REPORT.—*

10           *(1) IN GENERAL.—Not later than May 1, 2018,*  
11           *the Comptroller General of the United States shall*  
12           *submit to the appropriate committees of Congress a*  
13           *report that sets forth the following:*

14                   *(A) A description of the mechanisms and*  
15                   *authorities used by the Department of Defense*  
16                   *and the Department of State to conduct training*  
17                   *of foreign security forces on human rights and*  
18                   *international humanitarian law.*

19                   *(B) A description of the funding used to*  
20                   *support the training described in subparagraph*  
21                   *(A).*

22                   *(C) A description and assessment of the*  
23                   *methodology used by each of the Department of*  
24                   *Defense and the Department of State to assess*  
25                   *the effectiveness of such training.*

1           (D) *Such recommendations for improve-*  
2           *ments to such training as the Comptroller Gen-*  
3           *eral considers appropriate.*

4           (E) *Such other matters relating to such*  
5           *training as the Comptroller General considers*  
6           *appropriate.*

7           (2) *APPROPRIATE COMMITTEES OF CONGRESS*  
8           *DEFINED.—In this subsection, the term “appropriate*  
9           *committees of Congress” means—*

10           (A) *the Committee on Armed Services, the*  
11           *Committee on Foreign Relations, and the Com-*  
12           *mittee on Appropriations of the Senate; and*

13           (B) *the Committee on Armed Services, the*  
14           *Committee on Foreign Affairs, and the Com-*  
15           *mittee on Appropriations of the House of Rep-*  
16           *resentatives.*

17 **SEC. 6203. HUMAN RIGHTS VETTING OF AFGHAN NATIONAL**  
18 **DEFENSE AND SECURITY FORCES.**

19           *The Secretary of Defense may establish within the De-*  
20           *partment of Defense one or more permanent positions to*  
21           *oversee and support, in coordination with the Department*  
22           *of State, the implementation of section 362 of title 10,*  
23           *United States Code, with respect to the Afghan National*  
24           *Defense and Security Forces.*

1 **SEC. 6204. ADDITIONAL MATTER FOR SENSE OF CONGRESS**  
2 **ON EXTENDED DETERRENCE FOR THE KO-**  
3 **REAN PENINSULA AND JAPAN.**

4 *Section 1269(2) is deemed to be amended by inserting*  
5 *the following before the period: “, and should fully consider*  
6 *actions to reassure the Republic of Korea and Japan of the*  
7 *enduring commitment of the United States to provide its*  
8 *full range of defensive capabilities”.*

9 **SEC. 6205. STUDY ON UNITED STATES INTERESTS IN THE**  
10 **FREELY ASSOCIATED STATES.**

11 *(a) STUDY REQUIRED.—The Secretary of Defense shall*  
12 *enter into an agreement with an appropriate independent*  
13 *entity to conduct a study and assessment of United States*  
14 *security and foreign policy interests in the Freely Associ-*  
15 *ated States of the Republic of Palau, the Republic of the*  
16 *Marshall Islands, and the Federated States of Micronesia.*

17 *(b) ELEMENTS.—The study required pursuant to sub-*  
18 *section (a) shall address the following:*

19 *(1) The role of the Compacts of Free Association*  
20 *in promoting United States defense and foreign pol-*  
21 *icy interests, and the status of the obligations of the*  
22 *United States and the Freely Associated States under*  
23 *the Compacts of Free Association.*

24 *(2) The economic assistance practices of the Peo-*  
25 *ple’s Republic of China in the Freely Associated*  
26 *States, and the implications of such practices for*

1 *United States defense and foreign policy interests in*  
2 *the Freely Associated States and the Pacific region.*

3 (3) *The economic assistance practices of other*  
4 *countries in the Freely Associated States, as deter-*  
5 *mined by the Comptroller General, and the implica-*  
6 *tions of such practices for United States defense and*  
7 *foreign policy interests in the Freely Associated States*  
8 *and the Pacific region.*

9 (4) *Any other matters the Secretary considers*  
10 *appropriate for purposes of the study.*

11 (c) *DEPARTMENT OF DEFENSE SUPPORT.—The Sec-*  
12 *retary shall provide the entity conducting the study pursu-*  
13 *ant to subsection (a) with timely access to appropriate in-*  
14 *formation, data, resources, and analysis so that the entity*  
15 *may conduct a thorough and independent assessment of the*  
16 *matters covered by the study, including the matters speci-*  
17 *fied in subsection (b).*

18 (d) *REPORT.—*

19 (1) *IN GENERAL.—Not later than December 1,*  
20 *2018, the Secretary shall submit to the congressional*  
21 *defense committees a report setting forth the results of*  
22 *the study conducted pursuant to subsection (a).*

23 (2) *FORM.—The report required by paragraph*  
24 *(1) shall be submitted in unclassified form, but may in-*  
25 *clude a classified annex.*

1 **SEC. 6206. PLAN TO ENHANCE THE EXTENDED DETER-**  
2 **RENCE AND ASSURANCE CAPABILITIES OF**  
3 **THE UNITED STATES IN THE ASIA-PACIFIC**  
4 **REGION.**

5 (a) *FINDING.*—Congress recognizes that North Korea’s  
6 first successful test of an intercontinental ballistic missile  
7 (ICBM) constitutes a grave and imminent threat to United  
8 States security and to the security of United States allies  
9 and partners in the Asia-Pacific region.

10 (b) *PLAN.*—Not later than 30 days after the date of  
11 the enactment of this Act, the Secretary of Defense, in con-  
12 sultation with the Commander of the United States Pacific  
13 Command and the Commander of the United States Stra-  
14 tegic Command, shall submit to the congressional defense  
15 committees a plan to enhance the extended deterrence and  
16 assurance capabilities of the United States in the Asia-Pa-  
17 cific region.

18 (c) *MATTERS TO BE INCLUDED.*—The plan shall in-  
19 clude consideration of actions that will enhance United  
20 States security by strengthening deterrence of North Korean  
21 aggression and providing increased assurance to United  
22 States allies in the Asia-Pacific region, including the fol-  
23 lowing:

24 (1) Increased visible presence of key United  
25 States military assets, such as missile defenses, long-

1 *range strike assets, and intermediate-range strike as-*  
2 *sets, to the region that do not violate existing treaties.*

3 (2) *Increased military cooperation, exercises, and*  
4 *integration of defenses with allies in the region.*

5 (3) *Increased foreign military sales to allies in*  
6 *the region.*

7 (4) *Planning for, exercising, or deploying dual-*  
8 *capable aircraft to the region.*

9 (5) *Any necessary modifications to the United*  
10 *States nuclear force posture.*

11 (6) *Such other actions the Secretary considers*  
12 *appropriate to strengthen extended deterrence and as-*  
13 *urance in the region.*

14 (d) *FORM.—The plan shall be submitted in unclassi-*  
15 *fied form, but may contain a classified annex.*

16 **SEC. 6207. RULE OF CONSTRUCTION ON PROVISIONS RE-**  
17 **LATING TO THE UKRAINE SECURITY ASSIST-**  
18 **ANCE INITIATIVE.**

19 *Sections 1243 through 1250 of this Act shall have no*  
20 *force or effect.*

21 **SEC. 6208. EXTENSION OF UKRAINE SECURITY ASSISTANCE**  
22 **INITIATIVE.**

23 (a) *EXTENSION.—Subsection (h) of section 1250 of the*  
24 *National Defense Authorization Act for Fiscal Year 2016*  
25 *(Public Law 114–92; 129 Stat. 1068), as amended by sec-*

1 *tion 1237 of the National Defense Authorization Act for Fis-*  
2 *cal Year 2017 (Public Law 114–328; 130 Stat. 2494), is*  
3 *further amended by striking “December 31, 2018” and in-*  
4 *serting “December 31, 2020”.*

5 (b) *FUNDING FOR FISCAL YEAR 2018.—Subsection (f)*  
6 *of such section 1250, as added by subsection (a) of such*  
7 *section 1237, is further amended by adding at the end the*  
8 *following new paragraph:*

9 (3) *For fiscal year 2018, \$500,000,000.”.*

10 (c) *AVAILABILITY OF FUNDS.—Subsection (c) of such*  
11 *section 1250, as amended by subsection (c) of such section*  
12 *1237, is further amended—*

13 (1) *in paragraph (1), by inserting after “pursu-*  
14 *ant to subsection (f)(2)” the following: “, or more*  
15 *than \$250,000,000 of the funds available for fiscal*  
16 *year 2018 pursuant to subsection (f)(3),”;*

17 (2) *in paragraph (2)—*

18 (A) *in the first sentence—*

19 (i) *by inserting “with respect to the*  
20 *fiscal year concerned” after “is a certifi-*  
21 *cation”;* and

22 (ii) *by striking “and improvement in*  
23 *transparency, accountability, and potential*  
24 *opportunities for privatization in the de-*  
25 *fense industrial sector” and inserting*

1           *“sustainment, inventory management prac-*  
2           *tices, progress in improving the security of*  
3           *proprietary or sensitive foreign defense tech-*  
4           *nology”*; and

5           *(B) in the second sentence, by inserting*  
6           *after “additional action is needed” the following:*  
7           *“and a description of the methodology used to*  
8           *evaluate whether Ukraine has made progress in*  
9           *defense institutional reforms relative to pre-*  
10          *viously established goals and objectives”*; and

11          *(3) in paragraph (3)—*

12           *(A) by inserting “or 2018” after “in fiscal*  
13          *year 2017”*; and

14           *(B) by striking “in paragraph (2), such*  
15          *funds may be used in that fiscal year” and in-*  
16          *serting “in paragraph (2) with respect to such*  
17          *fiscal year, such funds may be used in such fiscal*  
18          *year”.*

19   **SEC. 6209. EXTENSION OF AUTHORITY ON TRAINING FOR**  
20           **EASTERN EUROPEAN NATIONAL SECURITY**  
21           **FORCES IN THE COURSE OF MULTILATERAL**  
22           **EXERCISES.**

23          *(a) EXTENSION.—Subsection (h) of section 1251 of the*  
24          *National Defense Authorization Act for Fiscal Year 2016*  
25          *(10 U.S.C. 2282 note) is amended—*

1           (1) by striking “September 30, 2018” and insert-  
2           ing “December 31, 2020”; and

3           (2) by striking “fiscal years 2016 through 2018”  
4           and inserting “fiscal year 2016 through calendar year  
5           2020”.

6           (b) *TECHNICAL AND CONFORMING AMENDMENTS.*—  
7           Such section is further amended—

8           (1) by striking “military” each place it appears  
9           and inserting “security”;

10          (2) in subsection (e), by striking “that” and in-  
11          serting “than”; and

12          (3) in subsection (f), by striking “section 2282”  
13          and inserting “chapter 16”.

14 **SEC. 6210. SECURITY ASSISTANCE FOR BALTIC NATIONS**  
15                                   **FOR JOINT PROGRAM FOR RESILIENCY AND**  
16                                   **DETERRENCE AGAINST AGGRESSION.**

17          (a) *IN GENERAL.*—The Secretary of Defense may, with  
18          the concurrence of the Secretary of State, conduct or support  
19          a joint program of the Baltic nations to improve their resil-  
20          ience against and build their capacity to deter aggression  
21          by the Russian Federation.

22          (b) *JOINT PROGRAM.*—For purposes of subsection (a),  
23          a joint program of the Baltic nations may be either of the  
24          following:

1           (1) *A program jointly agreed by the Baltic na-*  
2           *tions that builds interoperability among those coun-*  
3           *tries.*

4           (2) *An agreement for the joint procurement by*  
5           *the Baltic nations of defense articles or services using*  
6           *assistance provided pursuant to subsection (a).*

7           (c) *PARTICIPATION OF OTHER COUNTRIES.—Any*  
8           *country other than a Baltic nation may participate in the*  
9           *joint program described in subsection (a), but only using*  
10          *funds of such country.*

11          (d) *LIMITATION ON AMOUNT.—The total amount of as-*  
12          *stance provided pursuant to subsection (a) in fiscal year*  
13          *2018 may not exceed \$100,000,000.*

14          (e) *FUNDING.—Amounts for assistance provided pur-*  
15          *suant to subsection (a) shall be derived from amounts au-*  
16          *thorized to be appropriated by this Act and available for*  
17          *the European Deterrence Initiative (EDI).*

18          (f) *BALTIC NATIONS DEFINED.—In this section, the*  
19          *term “Baltic nations” means the following:*

20                 (1) *Estonia.*

21                 (2) *Latvia.*

22                 (3) *Lithuania.*

1 **SEC. 6211. ANNUAL REPORT ON MILITARY AND SECURITY**  
2 **DEVELOPMENTS INVOLVING THE RUSSIAN**  
3 **FEDERATION.**

4 *Section 1245(b) of the Carl Levin and Howard P.*  
5 *“Buck” McKeon National Defense Authorization Act for*  
6 *Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3566),*  
7 *as most recently amended by section 1235(a) of the National*  
8 *Defense Authorization Act for Fiscal Year 2017 (Public*  
9 *Law 114–328; 130 Stat. 2490), is further amended—*

10 *(1) by redesignating paragraphs (14) through*  
11 *(20) as paragraphs (15) through (21), respectively;*  
12 *and*

13 *(2) by inserting after paragraph (13) the fol-*  
14 *lowing new paragraph (14):*

15 *“(14) An assessment of Russia’s hybrid warfare*  
16 *strategy and capabilities, including—*

17 *“(A) Russia’s information warfare strategy*  
18 *and capabilities, including the use of misin-*  
19 *formation, disinformation, and propaganda in*  
20 *social and traditional media;*

21 *“(B) Russia’s financing of political parties,*  
22 *think tanks, media organizations, and academic*  
23 *institutions;*

24 *“(C) Russia’s malicious cyber activities;*

1           “(D) Russia’s use of coercive economic tools,  
2           including sanctions, market access, and differen-  
3           tial pricing, especially in energy exports; and

4           “(E) Russia’s use of criminal networks and  
5           corruption to achieve political objectives.”.

6 **SEC. 6212. ANNUAL REPORT ON ATTEMPTS OF THE RUS-**  
7           **SIAN        FEDERATION        TO        PROVIDE**  
8           **DISINFORMATION AND PROPAGANDA TO**  
9           **MEMBERS OF THE ARMED FORCES BY SOCIAL**  
10          **MEDIA.**

11          (a) *ANNUAL REPORT REQUIRED.*—Not later than  
12 *March 31 each year, the Secretary of Defense shall submit*  
13 *to the congressional defense committees a report on attempts*  
14 *by the Russian Federation, or any foreign person acting*  
15 *as an agent of or on behalf of the Russian Federation, dur-*  
16 *ing the preceding year to knowingly disseminate Russian*  
17 *Federation-supported disinformation or propaganda,*  
18 *through social media applications or related Internet-based*  
19 *means, to members of the Armed Forces with probable in-*  
20 *tent to cause injury to the United States or advantage the*  
21 *Government of the Russian Federation.*

22          (b) *FORM.*—Each report under this section shall be  
23 *submitted in unclassified form, but may include a classified*  
24 *annex.*

1 **SEC. 6213. SUPPORT OF EUROPEAN DETERRENCE INITIA-**  
2 **TIVE TO DETER RUSSIAN AGGRESSION.**

3 (a) *FINDINGS.*—Congress makes the following findings:

4 (1) *Military exercises, such as Exercise Nifty*  
5 *Nugget and Exercise Reforger during the Cold War,*  
6 *have historically made important contributions to*  
7 *testing operational concepts, technologies, and leader-*  
8 *ship approaches; identifying limiting factors in the*  
9 *execution of operational plans and appropriate cor-*  
10 *rective action; and bolstering deterrence against ad-*  
11 *versaries by demonstrating United States military ca-*  
12 *pabilities.*

13 (2) *Military exercises with North Atlantic Treaty*  
14 *Organization (NATO) allies enhance the interoper-*  
15 *ability and strategic credibility of the alliance.*

16 (3) *The increase in conventional, nuclear, and*  
17 *hybrid threats by the Russian Federation against the*  
18 *security interests of the United States and allies in*  
19 *Europe requires substantial and sustained investment*  
20 *to improve United States combat capability in Eu-*  
21 *rope.*

22 (4) *The decline of a permanent United States*  
23 *military presence in Europe in recent years increases*  
24 *the likelihood the United States will rely on being*  
25 *able to flow forces from the continental United States*

1       to the European theater in the event of a major con-  
2       tingency.

3               (5) Senior military leaders, including the Com-  
4       mander of United States Transportation Command,  
5       have warned that a variety of increasingly advanced  
6       capabilities, especially the proliferation of anti-access,  
7       area denial (A2/AD) capabilities, have given adver-  
8       saries of the United States the ability to challenge the  
9       freedom of movement of the United States military in  
10      all domains from force deployment to employment to  
11      disrupt, delay, or deny operations.

12      (b) *SENSE OF CONGRESS.*—It is the sense of Congress  
13      that, to enhance the European Deterrence Initiative and  
14      bolster deterrence against Russian aggression, the United  
15      States, together with North Atlantic Treaty Organization  
16      allies and other European partners, should demonstrate its  
17      resolve and ability to meet its commitments under Article  
18      V of the North Atlantic Treaty through appropriate mili-  
19      tary exercises with an emphasis on participation of United  
20      States forces based in the continental United States and  
21      testing strategic and operational logistics and transpor-  
22      tation capabilities.

23      (c) *REPORT.*—

24               (1) *IN GENERAL.*—Not later than March 1, 2018,  
25      the Secretary of Defense shall submit to the congres-

1       sional defense committees a report setting forth the  
2       following:

3               (A) *An analysis of the challenges to the*  
4               *ability of the United States to flow significant*  
5               *forces from the continental United States to the*  
6               *European theater in the event of a major contin-*  
7               *gency.*

8               (B) *The plans of the Department of Defense,*  
9               *including the conduct of military exercises, to*  
10              *address such challenges.*

11              (2) *FORM.—The report required by paragraph*  
12              *(1) shall be submitted in unclassified form, but may*  
13              *include a classified annex.*

14   **SEC. 6214. SENSE OF CONGRESS ON THE EUROPEAN DETER-**  
15                                   **RENCE INITIATIVE.**

16       *It is the sense of Congress that—*

17              (1) *the European Deterrence Initiative will bol-*  
18              *ster efforts to deter further Russian aggression by pro-*  
19              *viding resources to—*

20                           (A) *train and equip the military forces of*  
21                           *North Atlantic Treaty Organization (NATO)*  
22                           *and non-North Atlantic Treaty Organization*  
23                           *partners in order to improve responsiveness, ex-*  
24                           *pand expeditionary capability, and strengthen*

1           *combat effectiveness across the spectrum of secu-*  
2           *rity environments;*

3           *(B) enhance the indications and warning,*  
4           *interoperability, and logistics capabilities of Al-*  
5           *lied and partner military forces to increase their*  
6           *ability to respond to external aggression, defend*  
7           *sovereignty and territorial integrity, and pre-*  
8           *serve regional stability;*

9           *(C) improve the agility and flexibility of*  
10          *military forces required to address threats across*  
11          *the full spectrum of domains and effectively oper-*  
12          *ate in a wide array of coalition operations*  
13          *across diverse global environments from North*  
14          *Africa and the Middle East to Eastern Europe*  
15          *and the Arctic; and*

16          *(D) mitigate potential gaps forming in the*  
17          *areas of information warfare, Anti-Access Area*  
18          *Denial, and force projection;*

19          *(2) investments that support the security and*  
20          *stability of Europe, and that assist European nations*  
21          *in further developing their security capabilities, are*  
22          *in the long-term vital national security interests of*  
23          *the United States; and*

24          *(3) funds for such efforts should be authorized*  
25          *and appropriated in the base budget of the Depart-*

1 *ment of Defense in order to ensure continued and*  
2 *planned funding to address long-term stability in Eu-*  
3 *rope, reassure the European allies and partners of the*  
4 *United States, and deter further Russian aggression.*

5 **SEC. 6215. ENHANCEMENT OF UKRAINE SECURITY ASSIST-**  
6 **ANCE INITIATIVE.**

7 *Section 1250(b) of National Defense Authorization Act*  
8 *for Fiscal Year 2016 (Public Law 114–92; 126 Stat. 1068),*  
9 *as amended by section 1237(b) of the National Defense Au-*  
10 *thorization Act for Fiscal Year 2017 (Public Law 114–328;*  
11 *130 Stat. 2495), is further amended by adding at the end*  
12 *the following new paragraphs:*

13 *“(12) Treatment of wounded Ukrainian soldiers*  
14 *in the United States in medical treatment facilities*  
15 *through the Secretarial Designee Program, including*  
16 *transportation, lodging, meals, and other appropriate*  
17 *non-medical support in connection with such treat-*  
18 *ment, and education and training for Ukrainian*  
19 *healthcare specialists such that they can provide con-*  
20 *tinuing care and rehabilitation services for wounded*  
21 *Ukrainian soldiers.*

22 *“(13) Air defense and coastal defense radars.*

23 *“(14) Naval mine and counter-mine capabilities.*

24 *“(15) Littoral-zone and coastal defense vessels.”.*

1 **SEC. 6216. ASSESSMENT OF THE EXPANDING GLOBAL IN-**  
2 **FLUENCE OF CHINA AND ITS IMPACT ON THE**  
3 **NATIONAL SECURITY INTERESTS OF THE**  
4 **UNITED STATES.**

5 (a) *ASSESSMENT.*—*The Secretary of Defense shall*  
6 *enter into a contract or other agreement with an appro-*  
7 *priate entity independent of the Department of Defense to*  
8 *conduct an assessment of the foreign military and non-mili-*  
9 *tary influence of the People’s Republic of China which could*  
10 *affect the regional and global national security and defense*  
11 *interests of the United States.*

12 (b) *ELEMENTS.*—*The assessment required by sub-*  
13 *section (a) shall include an evaluation of the following:*

14 (1) *The expansion by China of military and*  
15 *non-military means of influence in the Indo-Asia-Pa-*  
16 *cific region and globally, including, infrastructure in-*  
17 *vestments, influence campaigns, loans, access to mili-*  
18 *tary equipment, military training, tourism, media,*  
19 *and access to foreign ports and military bases, and*  
20 *whether such means of influence could affect United*  
21 *States national security or defense interests, including*  
22 *operational access.*

23 (2) *The implications, if any, of such means of*  
24 *influence for the military force posture, access, train-*  
25 *ing, and logistics of the United States and China.*

1           (3) *The United States policy and strategy for*  
2 *mitigating any harmful effects resulting from such*  
3 *means of influence.*

4           (4) *The resources required to implement the pol-*  
5 *icy and strategy, and the plan to address and miti-*  
6 *gate any gaps in capabilities or resources necessary*  
7 *for the implementation of the policy and strategy.*

8           (5) *Measures to bolster the roles of allies, part-*  
9 *ners, and other countries to implement the policy and*  
10 *strategy.*

11           (6) *Any other matters the Secretary considers*  
12 *appropriate.*

13 (c) *REPORT.—*

14           (1) *IN GENERAL.—Not later than 180 days after*  
15 *the date of the enactment of this Act, the Secretary*  
16 *shall submit to the congressional defense committees a*  
17 *report on the assessment required pursuant to sub-*  
18 *section (a).*

19           (2) *FORM.—The report required shall be sub-*  
20 *mitted unclassified form, but may contain a classified*  
21 *annex.*

22 **SEC. 6217. INEFFECTIVENESS OF EXPANSION OF MILITARY-**  
23 **TO-MILITARY ENGAGEMENT WITH THE GOV-**  
24 **ERNMENT OF BURMA.**

25 *Section 1262 of this Act shall have no force or effect.*

1 **TITLE LXVI—STRATEGIC PRO-**  
2 **GRAMS, CYBER, AND INTEL-**  
3 **LIGENCE MATTERS**

4 **SEC. 6601. SENSE OF CONGRESS ON USE OF INTERGOVERN-**  
5 **MENTAL PERSONNEL ACT MOBILITY PRO-**  
6 **GRAM AND DEPARTMENT OF DEFENSE INFOR-**  
7 **MATION TECHNOLOGY EXCHANGE PROGRAM**  
8 **TO OBTAIN PERSONNEL WITH CYBER SKILLS**  
9 **AND ABILITIES FOR THE DEPARTMENT OF**  
10 **DEFENSE.**

11 *It is the sense of Congress that—*

12 *(1) the Department of Defense should fully use*  
13 *the Intergovernmental Personnel Act Mobility Pro-*  
14 *gram (IPAMP) and the Department of Defense Infor-*  
15 *mation Technology Exchange Program (ITEP) to ob-*  
16 *tain cyber personnel across the Government by*  
17 *leveraging cyber capabilities found at the State and*  
18 *local government level and in the private sector in*  
19 *order to meet the needs of the Department for cyberse-*  
20 *curity professionals; and*

21 *(2) the Department should implement at the ear-*  
22 *liest practicable date a strategy that includes policies*  
23 *and plans to fully use such programs to obtain such*  
24 *personnel for the Department.*

1 **SEC. 6602. SENSE OF CONGRESS ON ESTABLISHING AN**  
2 **AWARD PROGRAM FOR THE CYBER COMMU-**  
3 **NITY OF THE DEPARTMENT OF DEFENSE.**

4 *It is the sense of Congress that the Secretary of Defense*  
5 *should consider—*

6 *(1) establishing an award program for employees*  
7 *of the Department of Defense who carry out the cyber*  
8 *missions or functions of the Department of Defense;*

9 *(2) all award options under law or policy, in-*  
10 *cluding compensation, time off, and status awards;*

11 *(3) awards based upon operational impact and*  
12 *meritorious service;*

13 *(4) providing the largest possible opportunity for*  
14 *such members or employees to earn such rewards*  
15 *without regard to type of position, grade, years of*  
16 *service, experience or past performance;*

17 *(5) individual and organization rewards; and*

18 *(6) other factors, as the Secretary considers ap-*  
19 *propriate, that would reward and provide incentive to*  
20 *cyber personnel or organizations.*

21 **SEC. 6603. REVIEW OF UNITED STATES NUCLEAR AND RADI-**  
22 **OLOGICAL TERRORISM PREVENTION STRAT-**  
23 **EGY.**

24 *(a) IN GENERAL.—The Secretary of Energy, acting*  
25 *through the Administrator for Nuclear Security, shall enter*  
26 *into an arrangement with the National Academy of*

1 *Sciences to assess and recommend improvements to the*  
2 *strategies of the United States for preventing, countering,*  
3 *and responding to nuclear and radiological terrorism, spe-*  
4 *cifically terrorism involving the use of nuclear weapons, im-*  
5 *proved nuclear devices, or radiological dispersal or expo-*  
6 *sure devices, or the sabotage of nuclear facilities.*

7       **(b) REVIEW.**—*The assessment conducted under sub-*  
8 *section (a) shall address the adequacy of the strategies of*  
9 *the United States described in that subsection and identify*  
10 *technical, policy, and resource gaps with respect to—*

11           **(1)** *identifying national and international nu-*  
12 *clear and radiological terrorism risks and critical*  
13 *emerging threats;*

14           **(2)** *preventing state and non-state actors from*  
15 *acquiring the technologies, materials, and critical ex-*  
16 *pertise needed to mount nuclear or radiological at-*  
17 *tacks;*

18           **(3)** *countering efforts by state and non-state ac-*  
19 *tors to mount such attacks;*

20           **(4)** *responding to nuclear and radiological ter-*  
21 *rorism incidents to attribute their origin and help*  
22 *manage their consequences; and*

23           **(5)** *other important matters identified by the*  
24 *National Academy of Sciences that are directly rel-*  
25 *evant to those strategies.*

1       (c) *RECOMMENDATIONS.*—*The assessment conducted*  
2 *under subsection (a) shall include recommendations to the*  
3 *Secretary of Energy, Congress, and such other Federal enti-*  
4 *ties as the National Academy of Sciences considers appro-*  
5 *priate, for preventing, countering, and responding to nu-*  
6 *clear and radiological terrorism, including recommenda-*  
7 *tions for—*

8               (1) *closing technical, policy, or resource gaps;*

9               (2) *improving cooperation and appropriate inte-*  
10 *gration among Federal entities and Federal, State,*  
11 *and tribal governments;*

12              (3) *improving cooperation between the United*  
13 *States and other countries and international organi-*  
14 *zations; and*

15              (4) *other important matters identified by the*  
16 *National Academy of Sciences that are directly rel-*  
17 *evant to the strategies of the United States described*  
18 *in subsection (a).*

19       (d) *LIAISONS.*—*The Secretary of Energy, the Secretary*  
20 *of Defense, the Secretary of Homeland Security, the Sec-*  
21 *retary of State, and the Director of National Intelligence*  
22 *shall appoint appropriate liaisons to the National Academy*  
23 *of Sciences with respect to supporting the timely conduct*  
24 *of the assessment required by subsection (a).*

1       (e) *ACCESS TO MATERIALS.*—*The Secretary of Energy,*  
2 *the Secretary of Defense, the Secretary of Homeland Secu-*  
3 *rity, the Secretary of State, and the Director of National*  
4 *Intelligence shall provide access to the National Academy*  
5 *of Sciences to materials relevant to the assessment required*  
6 *by subsection (a).*

7       (f) *CLEARANCES.*—*The Secretary of Energy and the*  
8 *Director of National Intelligence shall ensure that appro-*  
9 *priate members and staff of the National Academy of*  
10 *Sciences have the necessary clearances, obtained in an expe-*  
11 *ditated manner, to conduct the assessment required by sub-*  
12 *section (a).*

13 **SEC. 6604. SENSE OF CONGRESS ON NATIONAL SPACE DE-**  
14 **FENSE CENTER.**

15       (a) *FINDINGS.*—*Congress makes the following findings:*

16           (1) *Space is a warfighting domain.*

17           (2) *Deterrence of adversaries of the United*  
18 *States, preserving the space domain, and defending*  
19 *against threats to space systems requires coordination*  
20 *across the Department of Defense, including the mili-*  
21 *tary departments, and the intelligence community.*

22       (b) *SENSE OF CONGRESS.*—*It is the sense of Congress*  
23 *that—*

1           (1) *the National Space Defense Center is critical*  
2 *to defending and securing the space domain in order*  
3 *to protect all United States assets in space;*

4           (2) *integration between the intelligence commu-*  
5 *nity and the Department of Defense within the Na-*  
6 *tional Space Defense Center is essential to detecting,*  
7 *assessing, and reacting to evolving space threats; and*

8           (3) *the Department of Defense, including the*  
9 *military departments, and the elements of the intel-*  
10 *ligence community should seek ways to bolster inte-*  
11 *gration with respect to space threats through work at*  
12 *the National Space Defense Center.*

13       (c) *INTELLIGENCE COMMUNITY DEFINED.—In this sec-*  
14 *tion, the term “intelligence community” has the meaning*  
15 *given that term in section 3(4) of the National Security*  
16 *Act of 1947 (50 U.S.C. 3003(4)).*

17 **SEC. 6605. PROHIBITION ON ESTABLISHMENT OF MILITARY**  
18 **DEPARTMENT OR CORPS SEPARATE FROM OR**  
19 **SUBORDINATE TO THE CURRENT MILITARY**  
20 **DEPARTMENTS.**

21       *No funds authorized to be appropriated by this Act*  
22 *or otherwise available for fiscal year 2018 for the Depart-*  
23 *ment of Defense may be used to establish a military depart-*  
24 *ment or corps separate from or subordinate to the current*  
25 *military departments, including a Space Corps in the De-*

1 *partment of the Air Force, or a similar such corps in any*  
2 *other military department.*

3 **SEC. 6606. RULE OF CONSTRUCTION ON IRON DOME SHORT-**  
4 **RANGE ROCKET DEFENSE SYSTEM AND**  
5 **ISRAELI COOPERATIVE MISSILE DEFENSE**  
6 **PROGRAM.**

7 *Paragraph (2) of section 1651(c) shall have no force*  
8 *or effect.*

9 **SEC. 6607. REPORT ON INTEGRATION OF MODERNIZATION**  
10 **AND SUSTAINMENT OF NUCLEAR TRIAD.**

11 *(a) FINDINGS.—Congress makes the following findings:*

12 *(1) On January 27, 2017, President Donald*  
13 *Trump issued a Presidential Memorandum on Re-*  
14 *building the United States Armed Forces, which em-*  
15 *phasized the need for a “modern, robust, flexible, re-*  
16 *silient, ready, and appropriately tailored” nuclear*  
17 *deterrent.*

18 *(2) On January 31, 2017, Secretary of Defense*  
19 *James Mattis issued a memorandum entitled “Imple-*  
20 *mentation Guidance for Budget Directives in the Na-*  
21 *tional Security Presidential Memorandum on Re-*  
22 *building the U.S. Armed Forces”, which called for*  
23 *“an ambitious reform agenda, which will include hor-*  
24 *izontal integration across DoD components to im-*

1     *prove efficiency and take advantage of economies of*  
2     *scale”.*

3     ***(b) REPORT REQUIRED.—***

4             ***(1) IN GENERAL.—****Not later than 120 days after*  
5     *the date of the enactment of this Act, the Under Sec-*  
6     *retary of Defense for Acquisition, Technology, and Lo-*  
7     *gistics (or a successor in the Office of the Secretary*  
8     *of Defense with responsibility for acquisition pro-*  
9     *grams), in coordination with the Secretary of the*  
10    *Navy and the Secretary of the Air Force, shall submit*  
11    *to the congressional defense committees a report on*  
12    *the potential to achieve greater efficiency by inte-*  
13    *grating elements of acquisition programs related to*  
14    *the modernization and sustainment of the nuclear*  
15    *triad.*

16            ***(2) ELEMENTS.—****The report required by para-*  
17    *graph (1) shall, at a minimum—*

18                    ***(A)*** *identify any opportunities for improved*  
19    *efficiency in program management, cost, and*  
20    *schedule to be created by increasing integration,*  
21    *co-location, and commonality between the stra-*  
22    *tegic deterrent programs and their systems, sub-*  
23    *systems, technologies, and engineering processes;*  
24    *and*

1           (B) identify any risks to program manage-  
2           ment, cost, and schedule, as well as mission and  
3           capability, created by the opportunities identi-  
4           fied under subparagraph (A).

5           (3) *FORM.*—The report required by paragraph  
6           (1) shall be submitted in classified form, but with an  
7           unclassified summary.

8 **SEC. 6608. COMPTROLLER GENERAL OF THE UNITED**  
9           **STATES REPORT ON DEPARTMENT OF DE-**  
10           **FENSE CRITICAL TELECOMMUNICATIONS**  
11           **EQUIPMENT OR SERVICES OBTAINED FROM**  
12           **SUPPLIERS CLOSELY LINKED TO A LEADING**  
13           **CYBER-THREAT ACTOR.**

14           (a) *REPORT REQUIRED.*—Not later than 180 days  
15 after the date of the enactment of this Act, the Comptroller  
16 General of the United States shall submit to the congress-  
17 sional defense committees a report on any critical tele-  
18 communications equipment, technologies, or services ob-  
19 tained or used by the Department of Defense or its contrac-  
20 tors or subcontractors that is—

21           (1) manufactured by a foreign supplier, or a  
22           contractor or subcontractor of such supplier, that is  
23           closely linked to a leading cyber-threat actor; or

24           (2) from an entity that incorporates or utilizes  
25           information technology manufactured by a foreign

1        *supplier, or a contractor or subcontractor of such sup-*  
2        *plier, that is closely linked to a leading cyber-threat*  
3        *actor.*

4        *(b) FORM.—The report shall be submitted in unclassi-*  
5        *fied form, but may include a classified annex.*

6        *(c) DEFINITIONS.—In this section:*

7            *(1) The term “leading cyber-threat actor” means*  
8            *a country identified as a leading threat actor in*  
9            *cyberspace in the report entitled “Worldwide Threat*  
10           *Assessment of the US Intelligence Community”, dated*  
11           *May 11, 2017, and includes the People’s Republic of*  
12           *China, the Islamic Republic of Iran, the Democratic*  
13           *People’s Republic of Korea, and the Russian Federa-*  
14           *tion.*

15           *(2) The term “closely linked”, with respect to a*  
16           *foreign supplier, contractor, or subcontractor and a*  
17           *leading cyber-threat actor, means the foreign supplier,*  
18           *contractor, or subcontractor—*

19                *(A) has ties to the military forces of such*  
20                *actor;*

21                *(B) has ties to the intelligence services of*  
22                *such actor;*

23                *(C) is the beneficiary of significant low in-*  
24                *terest or no-interest loans, loan forgiveness, or*  
25                *other support of such actor; or*

1                   (D) is incorporated or headquartered in the  
2                   territory of such actor.

3 **TITLE LXXVIII—MILITARY CON-**  
4 **STRUCTION AND GENERAL**  
5 **PROVISIONS**

6 **SEC. 7801. CERTIFICATION RELATED TO CERTAIN ACQUI-**  
7 **SITIONS OR LEASES OF REAL PROPERTY.**

8                   Section 2662(a) of title 10, United States Code, is  
9 amended—

10                   (1) in paragraph (2), by striking the period at  
11                   the end and inserting the following: “, as well as the  
12                   certification described in paragraph (5).”; and

13                   (2) by adding at the end the following:

14                   “(5) For purposes of paragraph (2), the certification  
15                   described in this paragraph with respect to an acquisition  
16                   or lease of real property is a certification that the Secretary  
17                   concerned—

18                   “(A) evaluated the feasibility of using space in  
19                   property under the jurisdiction of the Department of  
20                   Defense to satisfy the purposes of the acquisition or  
21                   lease; and

22                   “(B) determined that—

23                   “(i) space in property under the jurisdic-  
24                   tion of the Department of Defense is not reason-

1 ably available to be used to satisfy the purposes  
2 of the acquisition or lease;

3 “(ii) acquiring the property or entering  
4 into the lease would be more cost-effective than  
5 the use of the Department of Defense property; or

6 “(iii) the use of the Department of Defense  
7 property would interfere with the ongoing mili-  
8 tary mission of the property.”.

9 **SEC. 7802. ENERGY SECURITY FOR MILITARY INSTALLA-**  
10 **TIONS IN EUROPE.**

11 (a) *FINDINGS.*—Congress makes the following findings:

12 (1) *United States military installations in Eu-*  
13 *rope are potentially vulnerable to supply disruptions*  
14 *from foreign governments, especially the Government*  
15 *of the Russian Federation, which could use control of*  
16 *energy supplies in a hostile or weaponized manner.*

17 (2) *The Government of the Russian Federation*  
18 *has previously shown its willingness to aggressively*  
19 *use energy supplies as a weapon to pressure foreign*  
20 *nations, including Ukraine.*

21 (b) *AUTHORITY.*—The Secretary of Defense shall take  
22 appropriate measures, to the extent practicable, to—

23 (1) *reduce the dependency of all United States*  
24 *military installations in Europe on energy sourced*  
25 *inside Russia; and*

1           (2) *ensure that all United States military instal-*  
2           *lations in Europe are able to sustain operations in*  
3           *the event of a supply disruption.*

4           (c) *CERTIFICATION REQUIREMENT.—Not later than*  
5           *December 31, 2021, the Secretary of Defense shall certify*  
6           *to the congressional defense committees whether or not every*  
7           *United States military installation in Europe—*

8                   (1) *is dependent to the minimum extent prac-*  
9                   *ticable on energy sourced inside the Russian Federa-*  
10                  *tion; and*

11                   (2) *has the ability to sustain operations during*  
12                  *an energy supply disruption.*

13           (d) *BRIEFING REQUIREMENT.—Not later than 180*  
14           *days after the date of the enactment of this Act, and every*  
15           *180 days thereafter, the Secretary of Defense shall brief the*  
16           *congressional defense committees on progress in achieving*  
17           *the goals described in subsection (b), including—*

18                   (1) *an assessment of the operational risks of en-*  
19                   *ergy supply disruptions;*

20                   (2) *a description of mitigation measures identi-*  
21                   *fied to address such operational risks;*

22                   (3) *an assessment of the feasibility, estimated*  
23                   *costs, and schedule of diversified energy solutions; and*



1 *tain Home Air Force Base, Idaho, as further described in*  
2 *subsection (c), for the purpose of economic development.*

3 *(b) CONSIDERATION.—*

4 *(1) CONSIDERATION REQUIRED.—As consider-*  
5 *ation for the land conveyed under subsection (a), the*  
6 *City shall pay to the Secretary an amount equal to*  
7 *the fair market value of the land, as determined by*  
8 *an appraisal approved by the Secretary. The City*  
9 *shall provide an amount that is acceptable to the Sec-*  
10 *retary, whether by cash payment, in-kind consider-*  
11 *ation as described under paragraph (2), or a com-*  
12 *bination thereof.*

13 *(2) IN-KIND CONSIDERATION.—In-kind consider-*  
14 *ation provided by the City under paragraph (1) may*  
15 *include the acquisition, construction, provision, im-*  
16 *provement, maintenance, repair, or restoration (in-*  
17 *cluding environmental restoration), or combination*  
18 *thereof, of any facility or infrastructure under the ju-*  
19 *risdiction of the Secretary.*

20 *(3) TREATMENT OF CONSIDERATION RE-*  
21 *CEIVED.—Consideration in the form of cash payment*  
22 *received by the Secretary under paragraph (1) shall*  
23 *be deposited in the separate fund in the Treasury de-*  
24 *scribed in section 572(a)(1) of title 40, United States*  
25 *Code.*

1       (c) *MAP AND LEGAL DESCRIPTION.*—

2               (1) *FINALIZING LEGAL DESCRIPTIONS.*—As soon  
3 as practicable after the date of the enactment of this  
4 Act, the Secretary of the Air Force shall finalize a  
5 map and the legal description of the property to be  
6 conveyed under subsection (a).

7               (2) *MINOR ERRORS.*—The Secretary of the Air  
8 Force may correct any minor errors in the map or  
9 the legal description.

10              (3) *AVAILABILITY.*—The map and legal descrip-  
11 tion shall be on file and available for public inspec-  
12 tion.

13       (d) *PAYMENT OF COSTS OF CONVEYANCE.*—

14              (1) *PAYMENT REQUIRED.*—The Secretary may  
15 require the City to cover all costs (except costs for en-  
16 vironmental remediation of the property) to be in-  
17 curred by the Secretary, or to reimburse the Secretary  
18 for costs incurred by the Secretary, to carry out the  
19 conveyance under this section, including survey costs,  
20 costs for environmental documentation, and any other  
21 administrative costs related to the conveyance. If  
22 amounts are collected from the City in advance of the  
23 Secretary incurring the actual costs, and the amount  
24 collected exceeds the costs actually incurred by the

1        *Secretary to carry out the conveyance, the Secretary*  
2        *shall refund the excess amount to the City.*

3            (2) *TREATMENT OF AMOUNTS RECEIVED.—*  
4        *Amounts received under paragraph (1) as reimburse-*  
5        *ment for costs incurred by the Secretary to carry out*  
6        *the conveyance under subsection (a) shall be credited*  
7        *to the fund or account that was used to cover the costs*  
8        *incurred by the Secretary in carrying out the convey-*  
9        *ance, or to an appropriate fund or account currently*  
10       *available to the Secretary for the purposes for which*  
11       *the costs were paid. Amounts so credited shall be*  
12       *merged with amounts in such fund or account and*  
13       *shall be available for the same purposes, and subject*  
14       *to the same conditions and limitations, as amounts in*  
15       *such fund or account.*

16        (e) *USE RESERVATION.—The Secretary may reserve a*  
17       *right to temporarily use, for urgent reasons of national de-*  
18       *fense and at no cost to the United States, all or a portion*  
19       *of the railroad spur conveyed under subsection (a).*

20        (f) *ADDITIONAL TERMS AND CONDITIONS.—The Sec-*  
21       *retary may require such additional terms and conditions*  
22       *in connection with the conveyance under subsection (a) as*  
23       *the Secretary considers appropriate to protect the interests*  
24       *of the United States.*

1 **SEC. 7804. ANNUAL LOCALITY ADJUSTMENT OF DOLLAR**  
 2 **THRESHOLDS APPLICABLE TO UNSPECIFIED**  
 3 **MINOR MILITARY CONSTRUCTION AUTHORI-**  
 4 **TIES.**

5 *Section 2805 of title 10, United States Code, is amend-*  
 6 *ed by adding at the end the following new subsection:*

7 *“(f) ADJUSTMENT OF DOLLAR LIMITATIONS FOR LO-*  
 8 *CATION.—Each fiscal year, the Secretary concerned shall*  
 9 *adjust the dollar limitations specified in this section appli-*  
 10 *cable to an unspecified minor military construction project*  
 11 *inside the United States to reflect the area construction cost*  
 12 *index for military construction projects published by the*  
 13 *Department of Defense during the prior fiscal year for the*  
 14 *location of the project.”.*

15 **TITLE LXXXI—DEPARTMENT OF**  
 16 **ENERGY NATIONAL SECURITY**  
 17 **PROGRAMS**

18 **SEC. 8101. ALBUQUERQUE COMPLEX UPGRADES CONSTRUC-**  
 19 **TION PROJECT.**

20 *(a) RULE OF CONSTRUCTION.—Subsection (b) is en-*  
 21 *acted in coordination with section 3101, to which it relates.*

22 *(b) MODIFICATION OF AUTHORITY TO CARRY OUT AL-*  
 23 *BUQUERQUE COMPLEX UPGRADES CONSTRUCTION*  
 24 *PROJECT.—*

25 *(1) IN GENERAL.—The Administrator for Nu-*  
 26 *clear Security may enter into an incrementally fund-*

1 *ed contract for Project 16–D–515, the Albuquerque*  
2 *Complex upgrades construction project, Albuquerque,*  
3 *New Mexico.*

4 (2) *LIMITATION.—The total cost for the Albu-*  
5 *querque Complex upgrades construction project may*  
6 *not exceed \$174,700,000.*

7 (3) *FUNDING OF INCREMENTS.—*

8 (A) *INCREMENT 1.—The amount authorized*  
9 *to be appropriated by section 3101 of the Na-*  
10 *tional Defense Authorization Act for Fiscal Year*  
11 *2017 (Public Law 114–328; 130 Stat. 2754) for*  
12 *fiscal year 2017 and available for Project 16–D–*  
13 *515 as specified in the funding table in section*  
14 *4701 of that Act (Public Law 114–328; 130 Stat.*  
15 *2890) shall be deemed to be an amount author-*  
16 *ized to be appropriated for increment 1 of the*  
17 *Albuquerque Complex upgrades construction*  
18 *project.*

19 (B) *INCREMENT 2.—The amount authorized*  
20 *to be appropriated by this section for fiscal year*  
21 *2018 and available for Project 16–D–515 as*  
22 *specified in the funding table in section 4701 of*  
23 *this Act shall be available for increment 2 of the*  
24 *Albuquerque Complex upgrades construction*  
25 *project.*

1 **TITLE LXXXII—DEFENSE NU-**  
2 **CLEAR FACILITIES SAFETY**  
3 **BOARD**

4 **SEC. 8201. AUTHORIZATION.**

5 (a) *RULE OF CONSTRUCTION.*—Subsections (b) and (c)  
6 are enacted in coordination with section 3201, to which  
7 they relate.

8 (b) *CERTIFICATION OF SUFFICIENCY OF BUDGET RE-*  
9 *QUESTS.*—Not later than 10 days after the date on which  
10 the budget of the President for a fiscal year is submitted  
11 to Congress pursuant to section 1105(a) of title 31, United  
12 States Code, the Defense Nuclear Facilities Safety Board  
13 shall submit to the congressional defense committees a let-  
14 ter—

15 (1) certifying that the requested budget is suffi-  
16 cient for the conduct of the safety reviews that the  
17 Board intends to conduct in that fiscal year; or

18 (2) if the Board is unable to make the certifi-  
19 cation described in paragraph (1), including a list of  
20 such reviews and the estimated level of additional  
21 funding required to conduct such reviews.

22 (c) *SENSE OF CONGRESS.*—It is the sense of Congress  
23 that—

24 (1) the Defense Nuclear Facilities Safety Board  
25 was chartered by Congress with an important mission

1 *to provide independent recommendations and advice*  
2 *to the President and the Secretary of Energy to pro-*  
3 *tect public health and employee safety at defense nu-*  
4 *clear facilities of the Department of Energy;*

5 *(2) the role of the Board has necessarily evolved*  
6 *as the mission of the Department has changed over*  
7 *time, but the Board will continue to be vitally impor-*  
8 *tant as the Department continues major efforts to*  
9 *modernize the nuclear weapons stockpile and update*  
10 *its infrastructure in the 21st century; and*

11 *(3) any significant change to the Board and its*  
12 *mission can only be considered by the Board as a*  
13 *whole with oversight by Congress and requires legisla-*  
14 *tive changes approved by Congress.*

15 ***DIVISION F—FURTHER***  
16 ***ADDITIONAL PROVISIONS***  
17 ***TITLE CI—PROCUREMENT***

18 ***SEC. 10101. INTERIM COMBAT SERVICE RIFLE.***

19 *(a) ACQUISITION AUTHORITY.—The Secretary of the*  
20 *Army is authorized to expedite acquiring a commercially*  
21 *available off-the-shelf item, non-developmental item, or Gov-*  
22 *ernment-off-the-shelf materiel solution for an Interim Com-*  
23 *bat Service Rifle for purposes of defeating the evolving*  
24 *threat that has placed the United States Armed Forces at*  
25 *increased risk.*

1       **(b) ACCELERATION OF RELATED PROGRAMS.**—

2               **(1) IN GENERAL.**—*To ensure a complete capa-*  
3 *bility is fielded simultaneously with the acquisition*  
4 *program authorized under subsection (a), the Sec-*  
5 *retary is also authorized to use funding under the*  
6 *program to accelerate by one year the Squad Des-*  
7 *ignated Marksman Rifle program and by two years*  
8 *the Advanced Armor Piercing ammunition program.*

9               **(2) RULE OF CONSTRUCTION.**—*The authority*  
10 *under this subsection does not supersede the require-*  
11 *ment to develop a Next Generation Squad Weapon.*

12 **TITLE CII—RESEARCH, DEVELOP-**  
13 **MENT, TEST, AND EVALUA-**  
14 **TION**

15 **SEC. 10201. SUPPORT FOR NATIONAL SECURITY INNOVA-**  
16 **TION AND ENTREPRENEURIAL EDUCATION.**

17       **(a) FINDINGS.**—*Congress finds the following:*

18               **(1)** *The ability of the Department of Defense to*  
19 *respond to national security challenges would benefit*  
20 *by increased workforce exposure to, and under-*  
21 *standing of, modern problem-solving techniques and*  
22 *innovative methodologies.*

23               **(2)** *Presenting national security problems to uni-*  
24 *versities and education centers will increase diverse*  
25 *stakeholder participation in the rapid development of*

1 *solutions to national security challenges and improve*  
2 *Department of Defense recruitment of young tech-*  
3 *nologists and engineers with critical skill sets, includ-*  
4 *ing cyber capabilities.*

5 *(3) National security innovation and entrepre-*  
6 *neurial education would provide a unique pathway*  
7 *for veterans, Federal employees, and military per-*  
8 *sonnel to leverage their training, experience, and ex-*  
9 *pertise to solve emerging national security challenges*  
10 *while learning cutting-edge business innovation meth-*  
11 *odologies.*

12 *(4) The benefits to be derived from supporting*  
13 *national security innovation and entrepreneurial*  
14 *education programs include—*

15 *(A) enabling veterans and members of the*  
16 *Armed Forces to apply their battlefield knowl-*  
17 *edge in a team environment to develop innova-*  
18 *tive solutions to some of the United States' most*  
19 *challenging national security problems;*

20 *(B) encouraging students, university fac-*  
21 *ulty, veterans, and other technologists and engi-*  
22 *neers to develop new and vital skill sets to solve*  
23 *real-world national security challenges while in-*  
24 *troducing them to public service opportunities;*  
25 *and*

1           (C) *providing an alternative pathway for*  
2           *the Department of Defense to achieve critical*  
3           *agency objectives, such as acquisition reform and*  
4           *the rapid deployment of new and essential capa-*  
5           *bilities to America's warfighters.*

6           (b) *SUPPORT AUTHORIZED.—*

7           (1) *IN GENERAL.—The Secretary of Defense may,*  
8           *acting through the Under Secretary of Defense for Re-*  
9           *search and Engineering, support national security in-*  
10           *novation and entrepreneurial education programs.*

11           (2) *ELEMENTS.—Support under paragraph (1)*  
12           *may include the following:*

13           (A) *Materials to recruit participants, in-*  
14           *cluding veterans, for programs described in*  
15           *paragraph (1).*

16           (B) *Model curriculum for such programs.*

17           (C) *Training materials for such programs.*

18           (D) *Best practices for the conduct of such*  
19           *programs.*

20           (E) *Experimental learning opportunities*  
21           *for program participants to interact with oper-*  
22           *ational forces and better understand national se-*  
23           *curity challenges.*

1           (F) *Exchanges and partnerships with De-*  
2           *partment of Defense science and technology ac-*  
3           *tivities.*

4           (G) *Activities consistent with the Proof of*  
5           *Concept Commercialization Pilot Program estab-*  
6           *lished under section 1603 of the National Defense*  
7           *Authorization Act for Fiscal Year 2014 (Public*  
8           *Law 113–66; 10 U.S.C. 2359 note).*

9           (c) *CONSULTATION.*—*In carrying out subsection (b),*  
10          *the Secretary may consult with the heads of such Federal*  
11          *agencies, universities, and public and private entities en-*  
12          *gaged in the development of advanced technologies as the*  
13          *Secretary determines to be appropriate.*

14          (d) *AUTHORITIES.*—*The Secretary may—*

15               (1) *develop and maintain metrics to assess na-*  
16               *tional security innovation and entrepreneurial edu-*  
17               *cation activities to ensure standards for programs*  
18               *supported under subsection (b) are consistent and*  
19               *being met; and*

20               (2) *ensure that any recipient of an award under*  
21               *the Small Business Technology Transfer program, the*  
22               *Small Business Innovation Research program, and*  
23               *science and technology programs of the Department of*  
24               *Defense has the option to participate in training*  
25               *under a national security innovation and entrepre-*

1        *neurial education program supported under sub-*  
2        *section (b).*

3        *(e) PARTICIPATION BY FEDERAL EMPLOYEES AND*  
4        *MEMBERS OF THE ARMED FORCES.—The Secretary may*  
5        *encourage Federal employees and members of the Armed*  
6        *Forces to participate in a national security innovation and*  
7        *entrepreneurial education program supported under sub-*  
8        *section (b) in order to gain exposure to modern innovation*  
9        *and entrepreneurial methodologies.*

10    **SEC. 10202. INEFFECTIVENESS OF CODIFICATION AND EN-**  
11                    **HANCEMENT OF AUTHORITIES TO PROVIDE**  
12                    **FUNDS FOR DEFENSE LABORATORIES FOR**  
13                    **RESEARCH AND DEVELOPMENT OF TECH-**  
14                    **NOLOGIES FOR MILITARY MISSIONS.**

15        *Section 212 shall have no force or effect.*

16    **SEC. 10203. CODIFICATION AND ENHANCEMENT OF AU-**  
17                    **THORITIES TO PROVIDE FUNDS FOR DE-**  
18                    **FENSE LABORATORIES FOR RESEARCH AND**  
19                    **DEVELOPMENT OF TECHNOLOGIES FOR MILI-**  
20                    **TARY MISSIONS.**

21        *(a) IN GENERAL.—Chapter 139 of title 10, United*  
22        *States Code, is amended by inserting after section 2362 the*  
23        *following new section:*

1 **“§2363. Mechanisms to provide funds for defense lab-**  
2 **oratories for research and development of**  
3 **technologies for military missions**

4 “(a) *MECHANISMS TO PROVIDE FUNDS.—(1) The Sec-*  
5 *retary of Defense, in consultation with the Secretaries of*  
6 *the military departments, shall establish mechanisms under*  
7 *which the director of a defense laboratory may use an*  
8 *amount of funds equal to not less than two percent and*  
9 *not more than four percent of all funds available to the de-*  
10 *fense laboratory for the following purposes:*

11 “(A) *To fund innovative basic and applied re-*  
12 *search that is conducted at the defense laboratory and*  
13 *supports military missions.*

14 “(B) *To fund development programs that sup-*  
15 *port the transition of technologies developed by the de-*  
16 *fense laboratory into operational use.*

17 “(C) *To fund workforce development activities*  
18 *that improve the capacity of the defense laboratory to*  
19 *recruit and retain personnel with necessary scientific*  
20 *and engineering expertise that support military mis-*  
21 *sions.*

22 “(D) *To fund the repair or minor military con-*  
23 *struction of the laboratory infrastructure and equip-*  
24 *ment, in accordance with subsection (b).*

25 “(2) *The mechanisms established under paragraph (1)*  
26 *shall provide that funding shall be used under paragraph*

1 *(1) at the discretion of the director of a defense laboratory*  
2 *in consultation with the science and technology executive*  
3 *of the military department concerned.*

4       “(3) *After consultation with the science and technology*  
5 *executive of the military department concerned, the director*  
6 *of a defense laboratory may charge customer activities a*  
7 *fixed percentage fee, in addition to normal costs of perform-*  
8 *ance, in order to obtain funds to carry out activities author-*  
9 *ized by this subsection. The fixed fee may not exceed four*  
10 *percent of costs.*

11       “(b) *AVAILABILITY OF FUNDS FOR INFRASTRUCTURE*  
12 *PROJECTS.—Funds shall be available in accordance with*  
13 *subsection (a)(1)(D) only if—*

14               “(1) *the Secretary notifies the congressional de-*  
15 *fense committees of the total cost of the project before*  
16 *the date on which the Secretary uses the mechanism*  
17 *under such subsection for such project; and*

18               “(2) *the Secretary ensures that the project com-*  
19 *plies with the applicable cost limitations in—*

20                       “(A) *section 2805(d) of this title, with re-*  
21 *spect to revitalization and recapitalization*  
22 *projects; and*

23                       “(B) *section 2811 of this title, with respect*  
24 *to repair projects.*

1       “(c) *ANNUAL REPORT ON USE OF AUTHORITY.*—Not  
2 later than March 1 of each year, the Secretary of Defense  
3 shall submit to the congressional defense committees a re-  
4 port on the use of the authority under subsection (a) during  
5 the preceding year.”.

6       (b) *CLERICAL AMENDMENT.*—The table of sections at  
7 the beginning of chapter 139 of such title is amended by  
8 inserting after the item relating to section 2362 the fol-  
9 lowing new item:

“2363. *Mechanisms to provide funds for defense laboratories for research and de-  
velopment of technologies for military missions.*”.

10       (c) *CONFORMING AMENDMENTS.*—(1) Section 219 of  
11 the Duncan Hunter National Defense Authorization Act for  
12 Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2358  
13 note), is hereby repealed.

14       (2) Section 2805(d)(1)(B) of title 10, United States  
15 Code, is amended by striking “under section 219(a) of the  
16 Duncan Hunter National Defense Authorization Act for  
17 Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2358  
18 note)” and inserting “section 2363(a) of this title”.

19 **SEC. 10204. ANNUAL REPORT ON UNFUNDED REQUIRE-**  
20 **MENTS FOR LABORATORY MILITARY CON-**  
21 **STRUCTION PROJECTS.**

22       The Under Secretary of Defense for Research and En-  
23 gineering shall submit to the congressional defense commit-  
24 tees each year, at the time the budget of the President for

1 *the fiscal year beginning in such year is submitted to Con-*  
2 *gress under section 1105(a) of title 31, United States Code,*  
3 *a reporting listing unfunded requirements on major and*  
4 *minor military construction projects for Department of De-*  
5 *fense science and technology laboratories and facilities and*  
6 *test evaluation facilities.*

7 **SEC. 10205. VERY-LOW PROFILE HARDWARE TO INTERACT**  
8 **WITH THE MOBILE USER OBJECTIVE SYSTEM**  
9 **AND OTHER SYSTEMS.**

10 (a) *ADDITIONAL FUNDING.*—*The amount authorized to*  
11 *be appropriated for fiscal year 2018 by section 201 for re-*  
12 *search, development, test, and evaluation is hereby in-*  
13 *creased by \$8,000,000, with the amount of the increase to*  
14 *be available for the Joint Tactical Information Distribution*  
15 *System (PE 0604771D8Z).*

16 (b) *AVAILABILITY.*—*The amount available under sub-*  
17 *section (a) shall be available for the Secretary of Defense*  
18 *to study and demonstrate very-low profile hardware, such*  
19 *as antennas and chipsets, with software, encryption, and*  
20 *cyber and network management tools necessary to interact*  
21 *with the Mobile User Objective System (MUOS) and other*  
22 *systems that are considered part of the Internet of things*  
23 *to provide command, control, communications, and cyber*  
24 *restoral capabilities.*

1       (c) *OFFSET.*—*The amount authorized to be appro-*  
2 *priated for fiscal year 2018 by section 301 for operation*  
3 *and maintenance is hereby decreased by \$8,000,000, with*  
4 *the amount of the decrease to be applied as an increase to*  
5 *the reduction from fuel savings in the funding table in sec-*  
6 *tion 4301.*

7       **TITLE CIII—OPERATION AND**  
8       **MAINTENANCE**

9       **SEC. 10301. REPORT ON RELEASE OF RADIUM OR RADIO-**  
10       **ACTIVE MATERIAL INTO THE GROUNDWATER**  
11       **NEAR THE INDUSTRIAL RESERVE PLANT IN**  
12       **BETHPAGE, NEW YORK.**

13       *Not later than 120 days after the date of the enactment*  
14 *of this Act, the Secretary of Defense shall submit to Congress*  
15 *an addendum to the report submitted to Congress in June*  
16 *2017 entitled “2017 Annual Report For Groundwater Im-*  
17 *pacts at Naval Weapons Industrial Reserve Plant Bethpage,*  
18 *New York” that would detail any releases by the Depart-*  
19 *ment of Defense of radium or radioactive material into the*  
20 *groundwater within a 75-mile radius of the industrial re-*  
21 *serve plant in Bethpage, New York.*

22       **SEC. 10302. SENSE ON CONGRESS ON THE SMALL TURBINE**  
23       **ENGINE INDUSTRIAL BASE.**

24       (a) *FINDINGS.*—*Congress makes the following findings:*

1           (1) *The United States small turbine engine in-*  
2 *dustry has been innovating, developing, producing,*  
3 *and sustaining small gas turbine engines in a com-*  
4 *petitive market for more than 75 years.*

5           (2) *The United States small turbine engine in-*  
6 *dustrial base has made the United States the knowl-*  
7 *edge leader in low cost, no maintenance engine de-*  
8 *signs with unmatched field reliability.*

9           (3) *The United States small turbine engine in-*  
10 *dustrial base is at a critical juncture, as military re-*  
11 *quirements have tapered and missile programs, in*  
12 *misguided attempts to save money, are narrowing*  
13 *production contracts to a single vendor causing two*  
14 *of the three existing small turbine engine manufactur-*  
15 *ers to go out of business.*

16           (4) *The departure of these companies from the*  
17 *United States small turbine engine industry will*  
18 *leave only one viable, proven source for small turbine*  
19 *engines for the Department of Defense.*

20           (5) *In 2016, a number of engine failures were*  
21 *encountered that severely diminished the throughput*  
22 *of the F107–WR–101 engine maintenance process for*  
23 *the AGM–86 Air Launched Cruise Missile (ALCM),*  
24 *thereby putting the weapon system at major readiness*  
25 *risk.*

1           (6) *The narrowing of the United States small*  
2 *turbine engine industrial base would leave the De-*  
3 *partment with a sole source United States supplier*  
4 *resulting in a loss of manufacturing and testing ca-*  
5 *pability that would be extremely detrimental to both*  
6 *the United States industrial base and national secu-*  
7 *rity by creating a single point of failure, increasing*  
8 *engine procurement and testing prices by eliminating*  
9 *competition, raising new engine development and air*  
10 *vehicle program risk, and eliminating capabilities*  
11 *and expertise that would require decades and millions*  
12 *of dollars to reconstitute.*

13           (b) *SENSE OF CONGRESS.—It is the sense of the Con-*  
14 *gress that the Department of Defense should—*

15           (1) *allocate sufficient funding to properly sus-*  
16 *tain the F107 turbine engine in order to ensure this*  
17 *vital weapon is viable until a replacement is fielded;*  
18 *and*

19           (2) *contract with multiple, capable engine manu-*  
20 *facturers to stabilize and revitalize the United States*  
21 *small turbine engine industrial base.*

1 **SEC. 10303. REPORT ON OPTIMIZATION OF TRAINING IN**  
2 **AND MANAGEMENT OF SPECIAL USE AIR-**  
3 **SPACE.**

4 (a) *IN GENERAL.*—Not later than 120 days after the  
5 date of the enactment of this Act, the Director of the Bases,  
6 Ranges, and Airspace Directorate of the Air Force shall,  
7 in consultation with the Administrator of the Federal Avia-  
8 tion Administration, submit to Congress a report on opti-  
9 mization of training in and management of special use air-  
10 space that includes the following:

11 (1) *Best practices for the management of special*  
12 *use airspace including such practices that—*

13 (A) *result in cost savings relating to train-*  
14 *ing;*

15 (B) *increase training opportunities for air-*  
16 *men;*

17 (C) *increase joint use of such airspace;*

18 (D) *improve coordination with respect to*  
19 *such airspace with—*

20 (i) *the Federal Aviation Administra-*  
21 *tion;*

22 (ii) *Indian tribes; and*

23 (iii) *private landowners and other*  
24 *stakeholders; or*

1           (E) improve the coordination of large force  
2           exercises, including the use of waivers or other  
3           exceptional measures.

4           (2) An assessment of whether the capacity of  
5           ranges, including limitations on flight operations, is  
6           adequate to meet current and future training needs.

7           (3) An assessment of whether the establishment of  
8           a dedicated squadron for the purpose of coordinating  
9           the use of a special use airspace at the installation lo-  
10          cated in that airspace would improve the achievement  
11          of the objectives described in subparagraphs (A)  
12          through (E) of paragraph (1).

13          (4) Recommendations for improving the manage-  
14          ment and utilization of special use airspace to meet  
15          the objectives described in subparagraphs (A) through  
16          (E) of paragraph (1) and to address any gaps in ca-  
17          pacity identified under paragraph (2).

18          (b) *SPECIAL USE AIRSPACE DEFINED.*—In this sec-  
19          tion, the term “special use airspace” means special use air-  
20          space designated under part 73 of title 14, Code of Federal  
21          Regulations.

1 **SEC. 10304. CENTERS FOR DISEASE CONTROL STUDY ON**  
2 **HEALTH IMPLICATIONS OF PER- AND**  
3 **POLYFLUOROALKYL SUBSTANCES CONTAMI-**  
4 **NATION IN DRINKING WATER.**

5 (a) *RULE OF CONSTRUCTION.*—*This section is enacted*  
6 *in coordination with section 343.*

7 (b) *EXPOSURE ASSESSMENT.*—

8 (1) *IN GENERAL.*—*The Secretary of Health and*  
9 *Human Services, acting through the Centers for Dis-*  
10 *ease Control and Prevention and the Agency for Toxic*  
11 *Substances and Disease Registry and in consultation*  
12 *with the Department of Defense, shall conduct an ex-*  
13 *posure assessment of no less than 8 current or former*  
14 *domestic military installations known to have per-*  
15 *and polyfluoroalkyl substances (PFAS) contamina-*  
16 *tion in drinking water, ground water, and any other*  
17 *sources of water and relevant exposure vectors.*

18 (2) *CONTENTS.*—*The exposure assessment re-*  
19 *quired under this subsection shall—*

20 (A) *include—*

21 (i) *for each military installation cov-*  
22 *ered under the exposure assessment, a statis-*  
23 *tical sample to be determined by the Sec-*  
24 *retary of Health and Human Services in*  
25 *consultation with the relevant State health*  
26 *departments; and*

1                   (ii) bio-monitoring for assessing the  
2                   contamination described in paragraph (1);  
3                   and

4                   (B) produce findings, which shall be—

5                         (i) used to help design the study de-  
6                         scribed in 343(a)(1); and

7                         (ii) released to the appropriate con-  
8                         gressional committees not later than 1 year  
9                         after the conclusion of such exposure assess-  
10                         ment.

11                   (3) *TIMING.*—The exposure assessment required  
12                   under this subsection shall—

13                         (A) begin not later than 180 days after the  
14                         date of enactment of this Act; and

15                         (B) conclude not later than 2 years after  
16                         such date of enactment.

17                   **TITLE CV—MILITARY**  
18                   **PERSONNEL POLICY**

19                   **SEC. 10501. FLEXIBILITY IN PROMOTION OF DEPUTY JUDGE**  
20                   **ADVOCATE GENERAL OF THE AIR FORCE.**

21                   (a) *RULE OF CONSTRUCTION.*—This section is enacted  
22                   in coordination with section 504.

23                   (b) *DEPUTY JUDGE ADVOCATE OF THE AIR FORCE.*—  
24                   Section 8037(e) of title 10, United States Code,, is amend-  
25                   ed—

1           (1) by inserting “(1)” after “(e)”; and

2           (2) by adding at the end the following new para-  
3 graph:

4           “(2) If the Secretary of the Air Force elects to convene  
5 a selection board under section 611(a) of this title to con-  
6 sider eligible officers for selection to appointment as Deputy  
7 Judge Advocate General, the Secretary may, in connection  
8 with such consideration for selection—

9           “(A) treat any section in chapter 36 of this title  
10 referring to promotion to the next higher grade as if  
11 such section referred to promotion to a higher grade;  
12 and

13           “(B) waive section 619(a)(2) of this title if the  
14 Secretary determines that the needs of the Air Force  
15 require the waiver.”.

16 **SEC. 10502. INEFFECTIVENESS OF PILOT PROGRAM ON IN-**  
17 **TEGRATION OF DEPARTMENT OF DEFENSE**  
18 **AND NON-FEDERAL EFFORTS FOR CIVILIAN**  
19 **EMPLOYMENT OF MEMBERS OF THE ARMED**  
20 **FORCES FOLLOWING TRANSITION FROM AC-**  
21 **TIVE DUTY TO CIVILIAN LIFE.**

22           Section 546 shall have no force or effect.

1 **SEC. 10503. PILOT PROGRAM ON INTEGRATION OF DEPART-**  
2 **MENT OF DEFENSE AND NON-FEDERAL EF-**  
3 **FORTS FOR CIVILIAN EMPLOYMENT OF MEM-**  
4 **BERS OF THE ARMED FORCES FOLLOWING**  
5 **TRANSITION FROM ACTIVE DUTY TO CIVILIAN**  
6 **LIFE.**

7 *(a) PILOT PROGRAM REQUIRED.—*

8 *(1) IN GENERAL.—The Secretary of Defense shall*  
9 *conduct a pilot program to assess the feasibility and*  
10 *advisability of assisting members of the Armed Forces*  
11 *described in subsection (c) who are undergoing the*  
12 *transition from active duty in the Armed Forces to*  
13 *civilian life by accelerating and improving their ac-*  
14 *cess to employment following their transition to civil-*  
15 *ian life through the coordination, integration, and*  
16 *leveraging of existing programs and authorities of the*  
17 *Department of Defense for such purposes with pro-*  
18 *grams and resources of State and local agencies, in-*  
19 *stitutions of higher education, employers, and other*  
20 *public, private, and nonprofit entities applicable to*  
21 *the pilot program.*

22 *(2) EXISTING COMMUNITY PROGRAMS AND RE-*  
23 *SOURCES.—For purposes of this section, existing pro-*  
24 *grams and resources of State and local agencies, in-*  
25 *stitutions of higher education, employers, and other*  
26 *public, private, and nonprofit entities described in*

1        *paragraph (1) in the vicinity of a location of the*  
2        *pilot program are referred to as the “existing commu-*  
3        *nity programs and resources” in that vicinity.*

4        *(b) GOALS.—The goals of the pilot program shall be*  
5        *as follows:*

6                *(1) To facilitate the coordination of existing*  
7        *community programs and resources in the locations of*  
8        *the pilot program in order to identify a model for the*  
9        *coordination of such programs and authorities that*  
10        *can be replicated nationwide in communities in*  
11        *which members of the Armed Forces described in sub-*  
12        *section (c) are undergoing the transition from active*  
13        *duty to civilian life.*

14                *(2) To identify mechanisms by which the De-*  
15        *partment of Defense and existing community pro-*  
16        *grams and resources may work with employers and*  
17        *members of the Armed Forces described in subsection*  
18        *(c) in order to—*

19                        *(A) identify workforce needs that may be*  
20        *fulfilled by such members following their transi-*  
21        *tion to civilian life;*

22                        *(B) identify military occupational skills*  
23        *that may satisfy the workforce needs identified*  
24        *pursuant to subparagraph (A); and*

1           (C) identify gaps in the available pre-em-  
2           ployment testing and training of members of the  
3           Armed Forces that may require remediation in  
4           order to satisfy workforce needs identified pursu-  
5           ant to subparagraph (A), and identify mecha-  
6           nisms by which members of the Armed Forces de-  
7           scribed in subsection (c) may receive testing or  
8           training to remediate such gaps.

9           (3) To identify mechanisms to assist members of  
10          the Armed Forces described in subsection (c) in bridg-  
11          ing geographical gaps between their final military in-  
12          stallations and nearby metropolitan areas in which  
13          employment and necessary training are likely to be  
14          available to such members during or following their  
15          transition to civilian life.

16          (4) To provide workforce training, in coordina-  
17          tion with junior, community or technical colleges in  
18          the vicinity of the locations of the pilot program, pri-  
19          vate industry, and nonprofit organizations, for mem-  
20          bers of the Armed Forces participating in the pilot  
21          program to transition to jobs in the clean energy in-  
22          dustry, including cyber and grid security, natural  
23          gas, solar, wind, and geothermal fields.

24          (c) COVERED MEMBERS.—The members of the Armed  
25          Forces described in this subsection are the following:

1           (1) *Regular members of the Armed Forces who*  
2           *are within 180 days of discharge or release from the*  
3           *Armed Forces.*

4           (2) *Members of the reserve components of the*  
5           *Armed Forces (whether National Guard or Reserve)*  
6           *who are on active duty for a period of more than 365*  
7           *days and are within 180 days of release from such ac-*  
8           *tive duty.*

9           (d) *LOCATIONS.—*

10           (1) *IN GENERAL.—The Secretary shall carry out*  
11           *the pilot program at not less than five locations se-*  
12           *lected by the Secretary for purposes of the pilot pro-*  
13           *gram.*

14           (2) *SELECTION REQUIREMENTS.—Each location*  
15           *selected pursuant to paragraph (1) shall—*

16                   (A) *include a military installation—*

17                           (i) *that has a well-established military-*  
18                           *civilian community relationship with the*  
19                           *civilian communities nearby; and*

20                           (ii) *at which serves an appropriate*  
21                           *population of members of the Armed Forces*  
22                           *described in subsection (c);*

23                   (B) *have a large employment or industry*  
24                   *base that supports a variety of occupational op-*  
25                   *portunities;*

1           (C) have appropriate institutional infra-  
2           structure for the provision of worker training;  
3           and

4           (D) take place in a different geographic re-  
5           gion of the United States.

6           (e) *ELEMENTS*.—At each location selected for the pilot  
7           program there shall be the following:

8           (1) A mechanism to identify existing community  
9           programs and resources for participation in the pilot  
10          program, including programs and resources that are  
11          currently working with programs and authorities of  
12          the Department of Defense to assist members of the  
13          Armed Forces described in subsection (c), and, espe-  
14          cially, programs and resources that are recognized as  
15          engaging in best practices in working with such pro-  
16          grams and authorities of the Department.

17          (2) A mechanism to assess the willingness of em-  
18          ployers in the vicinity of such location to participate  
19          in the pilot program and employ members of the  
20          Armed Forces participating in the pilot program fol-  
21          lowing their transition to civilian life.

22          (3) A mechanism to assess the willingness of the  
23          State in which such location is located to recognize  
24          military training for credit for professional and occu-  
25          pational licenses.

1           (4) *A civilian community coordinator for the*  
2 *pilot program, who shall be responsible for implemen-*  
3 *tation and execution of the pilot program for the De-*  
4 *partment, and for coordinating existing community*  
5 *programs and resources, at such location by—*

6           (A) *pursuing a multi-faceted outreach and*  
7 *engagement strategy that leverages relationships*  
8 *with appropriate public, private, and nonprofit*  
9 *entities in the vicinity of such location for pur-*  
10 *poses of the pilot program;*

11           (B) *developing and implementing a pro-*  
12 *gram using existing public and private re-*  
13 *sources, infrastructure, and experience to maxi-*  
14 *mize the benefits of the pilot program for mem-*  
15 *bers of the Armed Forces participating in the*  
16 *pilot program by minimizing the time required*  
17 *for completion of training provided to such mem-*  
18 *bers under the pilot program, which program*  
19 *shall—*

20           (i) *compliment continuing Department*  
21 *efforts to assist members of the Armed*  
22 *Forces in their transition from active duty*  
23 *in the Armed Forces to civilian life and to*  
24 *coordinate with existing veteran employ-*  
25 *ment programs for purposes of such efforts;*

1           (ii) provide for the cultivation of a net-  
2           work of partners among the entities de-  
3           scribed in subparagraph (A) in order to  
4           maximize the number of opportunities for  
5           civilian employment for members of the  
6           Armed Forces participating in the pilot  
7           program following their transition to civil-  
8           ian life;

9           (iii) provide for the use of comprehen-  
10          sive assessments of the military experience  
11          gained by members of the Armed Forces  
12          participating in the pilot program in order  
13          to assist them in obtaining civilian employ-  
14          ment relating to their military occupations  
15          following their transition to civilian life,  
16          and to determine the pre-employment test-  
17          ing that could be readily added to veterans  
18          workforce training programs to assist in  
19          that effort;

20          (iv) seek to secure for members of the  
21          Armed Forces participating in the pilot  
22          program maximum credit for prior mili-  
23          tary service in their pursuit of civilian em-  
24          ployment following their transition to civil-  
25          ian life;

1                   (v) seek to eliminate unnecessary and  
2                   redundant elements of the training provided  
3                   for purposes of the pilot program to mem-  
4                   bers of the Armed Forces participating in  
5                   the pilot program;

6                   (vi) seek to minimize the time required  
7                   for members of the Armed Forces partici-  
8                   pating in the pilot program in obtaining  
9                   skills, credentials, pre-employment testing,  
10                  or certifications required for civilian em-  
11                  ployment following their transition to civil-  
12                  ian life; and

13                  (vii) provide for the continuous collec-  
14                  tion of data and feedback from employers in  
15                  the vicinity of such location in order to tai-  
16                  lor training provided to members of the  
17                  Armed Forces for purposes of the pilot pro-  
18                  gram to meet the needs of such employers.

19                  (5) A plan of action for delivering additional  
20                  training and credentialing modules for members of  
21                  the Armed Forces described in subsection (c) in order  
22                  to seek to provide such members with skills that are  
23                  in high demand in the vicinity and region of such lo-  
24                  cation.

25                  (f) *REPORTS.*—

1           (1) *INITIAL REPORT.*—Not later than one year  
2 after the date of the commencement of the pilot pro-  
3 gram, the Secretary shall submit to the Committees  
4 on Armed Services of the Senate and the House of  
5 Representatives a report on the pilot program. The re-  
6 port shall include, for each location selected for the  
7 pilot program pursuant to subsection (d), the fol-  
8 lowing:

9           (A) A full description of the pilot program,  
10 including—

11           (i) the number of members of the  
12 Armed Forces participating in the pilot  
13 program;

14           (ii) the outreach to public, private, and  
15 nonprofit entities conducted for purposes of  
16 the pilot program to encourage such entities  
17 to participate in the pilot program;

18           (iii) the entities participating in the  
19 pilot program, set forth by employment sec-  
20 tor;

21           (iv) the number of members partici-  
22 pating in the pilot program who obtained  
23 employment with an entity participating in  
24 the pilot program, set forth by employment  
25 sector;

1           (v) a description of any additional  
2           training or pre-employment testing pro-  
3           vided to members participating in the pilot  
4           program for purposes of the pilot program,  
5           including the amount of time required for  
6           such additional training or testing; and

7           (vi) a description of the cost of the  
8           pilot program, including any cost borne by  
9           private entities.

10          (B) A current assessment of the effect of the  
11          pilot program on Department of Defense and  
12          community efforts to assist members of the  
13          Armed Forces described in subsection (c) in ob-  
14          taining civilian employment following their  
15          transition to civilian life.

16          (2) *FINAL REPORT.*—Not later than 90 days be-  
17          fore the date on which the pilot program terminates,  
18          the Secretary shall submit to the Committees on  
19          Armed Services of the Senate and the House of Rep-  
20          resentatives an update of the report submitted under  
21          paragraph (1).

22          (g) *CONSTRUCTION.*—Nothing in this section may be  
23          construed to authorize the Secretary to hire additional em-  
24          ployees for the Department of Defense to carry out the pilot  
25          program.

1       (h) *TERMINATION.*—*The authority of the Secretary to*  
2 *carry out the pilot program shall terminate on the date that*  
3 *is two years after the date on which the pilot program com-*  
4 *mences.*

5       ***TITLE CVI—COMPENSATION AND***  
6       ***OTHER PERSONNEL BENEFITS***

7       ***SEC. 10601. SENSE OF SENATE ON THE USE BY EXCHANGE***  
8               ***STORES OF SMALL BUSINESSES AS SUP-***  
9               ***PLIERS.***

10       (a) *FINDINGS.*—*The Senate makes the following find-*  
11 *ings:*

12               (1) *Exchange stores, as non-appropriated fund*  
13 *instrumentalities of the Department of Defense, are*  
14 *not required to give any preference to particular ven-*  
15 *dors or suppliers.*

16               (2) *Even so, exchange stores are uniquely posi-*  
17 *tioned to feature products from small businesses, espe-*  
18 *cially veteran-owned small businesses.*

19       (b) *SENSE OF SENATE.*—*It is the sense of the Senate*  
20 *to urge the Department to work with the military exchange*  
21 *services to develop strategies for featuring products of small*  
22 *businesses, particularly products of veteran-owned small*  
23 *businesses, in military exchange stores.*

1 **SEC. 10602. GARNISHMENT TO SATISFY JUDGMENT REN-**  
2 **DERED FOR PHYSICALLY, SEXUALLY, OR EMO-**  
3 **TIONALLY ABUSING A CHILD.**

4 (a) *GARNISHMENT AUTHORITY.*—Section 1408 of title  
5 10, United States Code, is amended by adding at the end  
6 the following new subsection:

7 “(l) *GARNISHMENT TO SATISFY A JUDGMENT REN-*  
8 *DERED FOR PHYSICALLY, SEXUALLY, OR EMOTIONALLY*  
9 *ABUSING A CHILD.*—(1) Subject to paragraph (2), any pay-  
10 ment of retired pay that would otherwise be made to a mem-  
11 ber shall be paid (in whole or in part) by the Secretary  
12 concerned to another person if and to the extent expressly  
13 provided for in the terms of a child abuse garnishment  
14 order.

15 “(2) A court order providing for the payment of child  
16 support or alimony or, with respect to a division of prop-  
17 erty, specifically providing for the payment of an amount  
18 of the disposable retired pay from a member to the spouse  
19 or a former spouse of the member, shall be given priority  
20 over a child abuse garnishment order. The total amount of  
21 the disposable retired pay of a member payable under a  
22 child abuse garnishment order shall not exceed 25 percent  
23 of the member’s disposable retired pay.

24 “(3) In this subsection, the term ‘court order’ includes  
25 a child abuse garnishment order.

1       “(4) *In this subsection, the term ‘child abuse garnish-*  
2 *ment order’ means a final decree issued by a court that—*

3               “(A) *is issued in accordance with the laws of the*  
4 *jurisdiction of that court; and*

5               “(B) *provides in the nature of garnishment for*  
6 *the enforcement of a judgment rendered against the*  
7 *member for physically, sexually, or emotionally abus-*  
8 *ing a child.*

9       “(5) *For purposes of this subsection, a judgment ren-*  
10 *dered for physically, sexually, or emotionally abusing a*  
11 *child is any legal claim perfected through a final enforceable*  
12 *judgment, which claim is based in whole or in part upon*  
13 *the physical, sexual, or emotional abuse of an individual*  
14 *under 18 years of age, whether or not that abuse is accom-*  
15 *panied by other actionable wrongdoing, such as sexual ex-*  
16 *ploitation or gross negligence.*

17       “(6) *If the Secretary concerned is served with more*  
18 *than one court order with respect to the retired pay of a*  
19 *member, the disposable retired pay of the member shall be*  
20 *available to satisfy such court orders on a first-come, first-*  
21 *served basis, subject to the order of precedence specified in*  
22 *paragraph (2), with any such process being satisfied out*  
23 *of such monies as remain after the satisfaction of all such*  
24 *processes which have been previously served.*

1       “(7) *The Secretary concerned shall not be required to*  
2 *vary normal pay and disbursement cycles for retired pay*  
3 *in order to comply with a child abuse garnishment order.*”.

4       **(b) APPLICATION OF AMENDMENT.**—*Subsection (l) of*  
5 *section 1408 of title 10, United States Code, as added by*  
6 *subsection (a), shall apply with respect to a court order re-*  
7 *ceived by the Secretary concerned on or after the date of*  
8 *the enactment of this Act, regardless of the date of the court*  
9 *order.*

10 **SEC. 10603. ELEMENT IN NEXT QUADRENNIAL REVIEW OF**  
11 **MILITARY COMPENSATION ON VALUE AS-**  
12 **SIGNED BY MEMBERS OF THE ARMED FORCES**  
13 **TO VARIOUS ASPECTS OF MILITARY COM-**  
14 **PENSATION.**

15       **(a) IN GENERAL.**—*The President shall ensure that the*  
16 *first quadrennial review of the principals and concepts of*  
17 *the compensation system for members of the uniformed serv-*  
18 *ices under section 1008(b) of title 37, United States Code,*  
19 *after the date of the enactment of this Act includes a review*  
20 *of the comparative value members of the Armed Forces as-*  
21 *sign to various aspects of military compensation, including*  
22 *immediate and deferred cash compensation and in-kind*  
23 *compensation.*

24       **(b) SURVEYS.**—*The review required by subsection (a)*  
25 *shall be based on an analysis of one or more surveys, con-*

1 ducted for purposes of the review, of representative popu-  
2 lations of members of the Armed Forces, including regular  
3 members of the Armed Forces and members of the reserve  
4 components of the Armed Forces.

5 (c) *INCLUSION IN REPORT.*—The President shall in-  
6 clude the results of the review required by subsection (a)  
7 in the first report submitted to Congress pursuant to section  
8 1008(b) of title 37, after the date of the enactment of this  
9 Act.

## 10 **TITLE CVII—HEALTH CARE** 11 **PROVISIONS**

### 12 **SEC. 10701. REQUIREMENT FOR REIMBURSEMENT BY DE-** 13 **PARTMENT OF DEFENSE TO ENTITIES CAR-** 14 **RYING OUT STATE VACCINATION PROGRAMS** 15 **FOR COSTS OF VACCINES PROVIDED TO COV-** 16 **ERED BENEFICIARIES.**

17 *Section 719 of the National Defense Authorization Act*  
18 *for Fiscal Year 2017 (Public Law 114–328; 10 U.S.C.*  
19 *1074g note) is amended—*

20 (1) *in the section heading, by striking “AU-*  
21 *THORIZATION OF REIMBURSEMENT” and insert-*  
22 *ing “REIMBURSEMENT”; and*

23 (2) *in subsection (a)(1), by striking “may” and*  
24 *inserting “shall”.*

1 **SEC. 10702. ELIGIBILITY FOR CERTAIN HEALTH CARE BENE-**  
 2 **FITS OF MEMBERS OF THE SELECTED RE-**  
 3 **SERVE ORDERED TO ACTIVE DUTY FOR**  
 4 **PREPLANNED MISSIONS IN SUPPORT OF THE**  
 5 **COMBATANT COMMANDS.**

6 (a) *PRE-MOBILIZATION HEALTH CARE.*—Section  
 7 1074(d)(2) of title 10, United States Code, is amended by  
 8 striking “in support of a contingency operation under” and  
 9 inserting “under section 12304b of this title or”.

10 (b) *TRANSITIONAL HEALTH CARE.*—Section  
 11 1145(a)(2)(B) of such title is amended by striking “in sup-  
 12 port of a contingency operation” and inserting “under sec-  
 13 tion 12304b of this title or a provision of law referred to  
 14 in section 101(a)(13)(B) of this title”.

15 **TITLE CVIII—ACQUISITION POL-**  
 16 **ICY, ACQUISITION MANAGE-**  
 17 **MENT, AND RELATED MAT-**  
 18 **TERS**

19 **SEC. 10801. RESPONSIBILITIES OF COMMERCIAL MARKET**  
 20 **REPRESENTATIVES.**

21 Section 4(h) of the Small Business Act (15 U.S.C.  
 22 633(h)) is amended to read as follows:

23 “(h) *COMMERCIAL MARKET REPRESENTATIVES.*—

24 “(1) *DUTIES.*—The principal duties of a com-  
 25 mercial market representative employed by the Ad-  
 26 ministratoꝛ and reporting to the senior official ap-

1     *pointed by the Administrator with responsibilities*  
2     *under sections 8, 15, 31, and 36 (or the designee of*  
3     *the official) shall be to advance the policies established*  
4     *in section 8(d)(1) relating to subcontracting, includ-*  
5     *ing—*

6             *“(A) helping prime contractors to find*  
7             *small business concerns that are capable of per-*  
8             *forming subcontracts;*

9             *“(B) for contractors awarded contracts con-*  
10            *taining the clause described in section 8(d)(3),*  
11            *providing—*

12            *“(i) counseling on the responsibility of*  
13            *the contractor to maximize subcontracting*  
14            *opportunities for small business concerns;*

15            *“(ii) instruction on methods and tools*  
16            *to identify potential subcontractors that are*  
17            *small business concerns; and*

18            *“(iii) assistance to increase awards to*  
19            *subcontractors that are small business con-*  
20            *cerns through visits, training, and reviews*  
21            *of past performance;*

22            *“(C) providing counseling on how a small*  
23            *business concern may promote the capacity of*  
24            *the small business concern to contractors award-*

1 *ed contracts containing the clause described in*  
2 *section 8(d)(3); and*

3 *“(D) conducting periodic reviews of con-*  
4 *tractors awarded contracts containing the clause*  
5 *described in section 8(d)(3) to assess compliance*  
6 *with subcontracting plans required under section*  
7 *8(d)(6).*

8 *“(2) CERTIFICATION REQUIREMENTS.—*

9 *“(A) IN GENERAL.—Consistent with the re-*  
10 *quirements of subparagraph (B), a commercial*  
11 *market representative referred to in section*  
12 *15(q)(3) shall have a Level I Federal Acquisition*  
13 *Certification in Contracting (or any successor*  
14 *certification) or the equivalent Department of*  
15 *Defense certification.*

16 *“(B) DELAY OF CERTIFICATION REQUIRE-*  
17 *MENT.—The certification described in subpara-*  
18 *graph (A) is not required—*

19 *“(i) for any person serving as a com-*  
20 *mercial market representative on the date of*  
21 *enactment of the National Defense Author-*  
22 *ization Act for Fiscal Year 2018, until the*  
23 *date that is 1 calendar year after the date*  
24 *on which the person was appointed as a*  
25 *commercial market representative; or*

1                   “(i) for any person serving as a com-  
2                   mercial market representative on or before  
3                   November 25, 2015, until November 25,  
4                   2020.

5                   “(3) *JOB POSTING REQUIREMENTS.*—The duties  
6                   and certification requirements described in this sub-  
7                   section shall be included in any initial job posting for  
8                   the position of a commercial market representative.”.

9   **SEC. 10802. MODIFICATION TO THE HUBZONE PROGRAM.**

10                  Section 3(p)(4)(C) of the Small Business Act (15  
11                  U.S.C. 632(p)(4)(C)) is amended by striking “until the  
12                  later of” and all that follows and inserting “for the 7-year  
13                  period following the date on which the census tract or non-  
14                  metropolitan county ceased to be so qualified.”.

15   **SEC. 10803. REPORT ON DEFENSE CONTRACTING FRAUD.**

16                  (a) *IN GENERAL.*—Not later than 180 days after the  
17                  date of the enactment of this Act, the Secretary of Defense  
18                  shall submit to the congressional defense committees a re-  
19                  port on defense contracting fraud.

20                  (b) *ELEMENTS.*—The report required under subsection  
21                  (a) shall include the following elements:

22                          (1) A summary of fraud-related criminal convic-  
23                          tions and civil judgements or settlements over the pre-  
24                          vious five fiscal years.

1           (2) *A listing of contractors that within the pre-*  
2 *vious five fiscal years performed contracts for the De-*  
3 *partment of Defense and were debarred or suspended*  
4 *from Federal contracting based on a criminal convic-*  
5 *tion for fraud.*

6           (3) *An assessment of the total value of Depart-*  
7 *ment of Defense contracts entered into during the pre-*  
8 *vious five fiscal years with contractors that have been*  
9 *indicted for, settled charges of, been fined by any Fed-*  
10 *eral department or agency for, or been convicted of*  
11 *fraud in connection with any contract or other trans-*  
12 *action entered into with the Federal Government.*

13           (4) *Recommendations by the Inspector General*  
14 *of the Department of Defense or other appropriate De-*  
15 *partment of Defense official regarding how to penalize*  
16 *contractors repeatedly involved in fraud in connection*  
17 *with contracts or other transactions entered into with*  
18 *the Federal Government, including an update on im-*  
19 *plementation by the Department of any previous such*  
20 *recommendations.*

21 **SEC. 10804. GOVERNMENT MICRO-PURCHASE THRESHOLD**  
22 **MATTERS.**

23           (a) *INCREASE IN THRESHOLD.*—*Section 1902(a)(1) of*  
24 *title 41, United States Code, is amended by striking*  
25 *“\$3,000” and inserting “\$10,000”.*

1       (b) *CONVENIENCE CHECKS.*—A convenience check may  
2 not be used for an amount in excess of one half of the micro-  
3 purchase threshold under section 1902(a) of title 41, United  
4 States Code, or a lower amount set by the head of the agen-  
5 cy. Use of convenience checks shall comply with controls  
6 prescribed in Office of Management and Budget Circular  
7 A-123, Appendix B.

8       **TITLE CIX—DEPARTMENT OF DE-**  
9       **FENSE ORGANIZATION AND**  
10       **MANAGEMENT**

11       **SEC. 10901. REPORT ON IMPLEMENTATION OF REQUIRE-**  
12                       **MENTS IN CONNECTION WITH THE ORGANI-**  
13                       **ZATION OF THE DEPARTMENT OF DEFENSE**  
14                       **FOR MANAGEMENT OF SPECIAL OPERATIONS**  
15                       **FORCES AND SPECIAL OPERATIONS.**

16       (a) *REPORT REQUIRED.*—Not later than 90 days after  
17 the date of the enactment of this Act, the Secretary of De-  
18 fense shall submit to the Committees on Armed Services of  
19 the Senate and the House of Representatives a report on  
20 the implementation of section 922 of the National Defense  
21 Authorization Act for Fiscal Year 2017 (Public Law 114-  
22 328; 130 Stat. 2354) and the amendments made by that  
23 section (in this section collectively referred to as the “cov-  
24 ered authority”).

1       **(b) ELEMENTS.**—*The report required by subsection (a)*  
2 *shall include the following:*

3           (1) *A statement of the responsibilities of the As-*  
4 *stant Secretary of Defense for Special Operations*  
5 *and Low Intensity Conflict that is consistent with the*  
6 *covered authority, including an identification of any*  
7 *responsibilities to be divested by the Assistant Sec-*  
8 *retary pursuant to the covered authority.*

9           (2) *A resource-unconstrained analysis of man-*  
10 *power requirements necessary to satisfy the respon-*  
11 *sibilities akin to those of the Secretary of a military*  
12 *department that are specified by the covered author-*  
13 *ity.*

14           (3) *An accounting of civilian, military, and con-*  
15 *tractor personnel currently assigned to the fulfillment*  
16 *of the responsibilities akin to those of the Secretary of*  
17 *a military department that are specified by the cov-*  
18 *ered authority, including responsibilities relating to*  
19 *budget, personnel, programs and requirements, acqui-*  
20 *sition, and special access programs.*

21           (4) *A description of actions taken to implement*  
22 *the covered authority as of the date of the report, in-*  
23 *cluding the assignment of any additional civilian,*  
24 *military, or contractor personnel to fulfill additional*  
25 *responsibilities akin to those of the Secretary of a*

1 *military department that are specified by the covered*  
2 *authority.*

3 (5) *An explanation how the responsibilities akin*  
4 *to those of the Secretary of a military department*  
5 *that assigned to the Assistant Secretary by the covered*  
6 *authority will be fulfilled in the absence of additional*  
7 *personnel being assigned to the office of the Assistant*  
8 *Secretary.*

9 (6) *Any other matters the Secretary considers*  
10 *appropriate.*

11 **SEC. 10902. REPORT ON THE NEED FOR A JOINT CHEMICAL-**  
12 **BIOLOGICAL DEFENSE LOGISTICS CENTER.**

13 *Not later than March 1, 2018, the Secretary of Defense*  
14 *shall submit to the congressional defense committees a re-*  
15 *port that includes the following:*

16 (1) *A description of the operational need and re-*  
17 *quirement for a consolidated Joint Chemical-Biologi-*  
18 *cal Defense Logistics Center.*

19 (2) *Identification of the specific operational re-*  
20 *quirements for rapid deployment of chemical and bio-*  
21 *logical defense assets and the sustainment require-*  
22 *ments for maintenance, storage, inspection, and dis-*  
23 *tribution of specialized chemical, biological, radio-*  
24 *logical, and nuclear equipment at the Joint Chemical-*  
25 *Biological Defense Logistics Center.*

1           (3) *A definition of program objectives and mile-*  
2           *stones to achieve initial operating capability and full*  
3           *operating capability.*

4           (4) *Estimated facility and personnel resource re-*  
5           *quirements for use in planning, programming, and*  
6           *budgeting.*

7           (5) *An environmental assessment of proposed ef-*  
8           *fects in accordance with the National Environmental*  
9           *Policy Act of 1969 (42 U.S.C. 4321 et seq.).*

## 10           **TITLE CX—GENERAL**

### 11           **PROVISIONS**

#### 12           ***Subtitle A—Additional General***

#### 13           ***Provisions***

14   **SEC. 11001. EXPANSION OF AVAILABILITY FROM THE DE-**  
15           **PARTMENT OF VETERANS AFFAIRS OF COUN-**  
16           **SELING AND TREATMENT FOR SEXUAL TRAU-**  
17           **MA FOR MEMBERS OF THE ARMED FORCES.**

18           *Section 1720D(a)(2)(A) of title 38, United States Code*  
19   *is amended—*

20           (1) *by striking “on active duty”; and*

21           (2) *by inserting “that was suffered by the mem-*  
22           *ber while serving on active duty, active duty for*  
23           *training, or inactive duty training” before the period*  
24           *at the end.*

1 **SEC. 11002. REPORT ON THE GLOBAL FOOD SYSTEM AND**  
2 **VULNERABILITIES RELEVANT TO DEPART-**  
3 **MENT OF DEFENSE MISSIONS.**

4 (a) *REPORT REQUIRED.*—Not later than one year  
5 after the date of the enactment of this Act, the Secretary  
6 of Defense shall, in consultation with the heads of such com-  
7 ponents of the Department of Defense as the Secretary con-  
8 siders appropriate, submit to the congressional defense com-  
9 mittees an assessment of Department of Defense policies and  
10 operational plans for addressing the national security im-  
11 plications of global food system vulnerabilities.

12 (b) *CONTENTS.*—The report required by subsection (a)  
13 shall include, at a minimum, the following:

14 (1) *An evaluation of vulnerabilities in the global*  
15 *food system that may affect the national security of*  
16 *the United States and the Department of Defense*  
17 *roles, missions, and capabilities in addressing such*  
18 *vulnerabilities, including information technology,*  
19 *data management, and surveillance capabilities for*  
20 *detection and assessment of food system shocks with*  
21 *the potential to result in the deployment of the Armed*  
22 *Forces or directly affect bilateral security interests*  
23 *with allies or partners.*

24 (2) *A characterization of how Department of De-*  
25 *fense strategy, policies, and plans, including the Uni-*  
26 *fied Command Plan, defense planning scenarios,*

1     *operational plans, theater cooperation plans, and*  
2     *other relevant planning documents and procedures,*  
3     *account for food system vulnerabilities as precursors*  
4     *to and components of protracted major state conflicts,*  
5     *civil wars, insurgencies, or terrorism.*

6             *(3) An evaluation of United States interests, in-*  
7     *cluding the interests of allies and strategic partners,*  
8     *and potential United States military operations, in-*  
9     *cluding thresholds for ordering such operations, in re-*  
10    *gions where food system instability represents an ur-*  
11    *gent and growing threat, including due to the pres-*  
12    *ence of destabilizing non-state actors who may*  
13    *weaponize access to food.*

14            *(4) An identification of opportunities to initiate*  
15    *or further develop cooperative military to military re-*  
16    *lationships to build partner capacity to avoid, mini-*  
17    *mize, or control global and regional food system*  
18    *shocks.*

19    **SEC. 11003. INEFFECTIVENESS OF DEPARTMENT OF DE-**  
20            **FENSE INTEGRATION OF INFORMATION OP-**  
21            **ERATIONS AND CYBER-ENABLED INFORMA-**  
22            **TION OPERATIONS.**

23     *Section 1042 shall have no force or effect.*

1 **SEC. 11004. DEPARTMENT OF DEFENSE INTEGRATION OF**  
2 **INFORMATION OPERATIONS AND CYBER-EN-**  
3 **ABLED INFORMATION OPERATIONS.**

4 (a) *INTEGRATION OF DEPARTMENT OF DEFENSE IN-*  
5 *FORMATION OPERATIONS AND CYBER-ENABLED INFORMA-*  
6 *TION OPERATIONS.*—

7 (1) *ESTABLISHMENT OF CROSS-FUNCTIONAL*  
8 *TASK FORCE.*—

9 (A) *IN GENERAL.*—*The Secretary of Defense*  
10 *shall establish a cross-functional task force con-*  
11 *sistent with section 911(c)(1) of the National De-*  
12 *fense Authorization Act for Fiscal Year 2017*  
13 *(Public Law 114–328; 10 U.S.C. 111 note) to in-*  
14 *tegrate across the organizations of the Depart-*  
15 *ment of Defense responsible for information oper-*  
16 *ations, military deception, public affairs, elec-*  
17 *tronic warfare, and cyber operations to produce*  
18 *integrated strategy, planning, and budgeting to*  
19 *counter, deter, and conduct strategic information*  
20 *operations and cyber-enabled information oper-*  
21 *ations.*

22 (B) *DUTIES.*—*The task force shall carry out*  
23 *the following:*

24 (i) *Development of a strategic frame-*  
25 *work for the conduct by the Department of*  
26 *Defense of information operations, includ-*

1            *ing cyber-enabled information operations,*  
2            *coordinated across all relevant Department*  
3            *of Defense entities, including both near-term*  
4            *and long-term guidance for the conduct of*  
5            *such coordinated operations.*

6            *(ii) Development and dissemination of*  
7            *a common operating paradigm across the*  
8            *organizations specified in subparagraph (A)*  
9            *of the influence, deception, and propaganda*  
10           *activities of key malign actors, including in*  
11           *cyberspace.*

12           *(iii) Development of guidance for, and*  
13           *promotion of, the liaison capability of the*  
14           *Department to interact with the private sec-*  
15           *tor, including social media, on matters re-*  
16           *lated to the influence activities of malign*  
17           *actors.*

18           *(iv) Serve as the primary Department*  
19           *of Defense liaison with the Global Engage-*  
20           *ment Center and other relevant Federal en-*  
21           *tities in carrying out the purpose set forth*  
22           *in section 1287(a)(2) of the National De-*  
23           *fense Authorization Act for Fiscal Year*  
24           *2017 (Public Law 114–328; 22 U.S.C. 2656*  
25           *note).*

1           (2) *HEAD OF CROSS-FUNCTIONAL TASK FORCE.*—

2                   (A) *IN GENERAL.*—*The Secretary of Defense*  
3 *shall appoint as the head of the task force such*  
4 *individual as the Secretary considers appro-*  
5 *priate from among individuals serving in the*  
6 *Department as an Under Secretary of Defense or*  
7 *in such other position within the Department of*  
8 *lesser order of precedence.*

9                   (B) *RESPONSIBILITIES.*—*The responsibil-*  
10 *ities of the head of the task force are as follows:*

11                   (i) *Oversight of strategic policy and*  
12 *guidance.*

13                   (ii) *Overall resource allocation for the*  
14 *integration of information operations and*  
15 *cyber operations of the Department.*

16                   (iii) *Ensuring the task force faithfully*  
17 *pursues the purpose set forth in subpara-*  
18 *graph (A) of paragraph (1) and carries out*  
19 *its duties as set forth in subparagraph (B)*  
20 *of such paragraph.*

21                   (iv) *Carrying out such activities as are*  
22 *required of the head of the task force under*  
23 *subsections (b) and (c).*

24                   (v) *Coordination with the head of the*  
25 *Global Engagement Center in support of the*

1                   *execution of the purpose set forth in section*  
2                   *1287(a)(2) of the National Defense Author-*  
3                   *ization Act for Fiscal Year 2017 (Public*  
4                   *Law 114–328; 22 U.S.C. 2656 note).*

5           ***(b) REQUIREMENTS AND PLANS FOR INFORMATION***  
6 ***OPERATIONS.—***

7                   ***(1) COMBATANT COMMAND PLANNING AND RE-***  
8                   ***GIONAL STRATEGY.—(A) The Secretary shall require***  
9                   ***each commander of a combatant command to develop,***  
10                   ***in coordination with the relevant regional Assistant***  
11                   ***Secretary of State or Assistant Secretaries of State***  
12                   ***and with the assistance of the Coordinator of the***  
13                   ***Global Engagement Center and the head of the task***  
14                   ***force appointed under subsection (a)(2)(A), a regional***  
15                   ***information strategy and interagency coordination***  
16                   ***plan for carrying out the strategy, where applicable.***

17                   ***(B) The Secretary shall require each commander***  
18                   ***of a combatant command to develop such require-***  
19                   ***ments and specific plans as may be necessary for the***  
20                   ***conduct of information operations in support of the***  
21                   ***strategy required in subparagraph (A), including***  
22                   ***plans for deterring information operations, particu-***  
23                   ***larly in the cyber domain, by malign actors against***  
24                   ***the United States, allies of the United States, and in-***  
25                   ***terests of the United States.***

1           (2) *IMPLEMENTATION PLAN FOR DEPARTMENT OF*  
2 *DEFENSE STRATEGY FOR OPERATIONS IN THE INFOR-*  
3 *MATION ENVIRONMENT.*—

4           (A) *IN GENERAL.*—*Not later than 90 days*  
5 *after the date of the enactment of this Act, the*  
6 *head of the task force shall—*

7           (i) *review the Department of Defense*  
8 *Strategy for Operations in the Information*  
9 *Environment, dated June 2016; and*

10          (ii) *submit to the congressional defense*  
11 *committees a plan for implementation of*  
12 *such strategy.*

13          (B) *ELEMENTS.*—*The implementation plan*  
14 *shall include, at a minimum, the following:*

15          (i) *An accounting of the efforts under-*  
16 *taken in support of the strategy described in*  
17 *subparagraph (A)(i) since it was issued in*  
18 *June 2016.*

19          (ii) *A description of any updates or*  
20 *changes to such strategy that have been*  
21 *made since it was first issued, as well as*  
22 *any expected updates or changes in light of*  
23 *the establishment of the task force.*

24          (iii) *A description of the role of the De-*  
25 *partment as part of a broader whole-of-gov-*

1            *ernment strategy for strategic communica-*  
2            *tions, including assumptions about the roles*  
3            *and contributions of other Government de-*  
4            *partments and agencies to such a strategy.*

5            *(iv) Defined actions, performance*  
6            *metrics, and projected timelines to achieve*  
7            *the following specified tasks:*

8                    *(I) Train, educate, and prepare*  
9                    *commanders and their staffs, and the*  
10                   *Joint Force as a whole, to lead, man-*  
11                   *age, and conduct operations in the in-*  
12                   *formation environment.*

13                   *(II) Train, educate, and prepare*  
14                   *information operations professionals*  
15                   *and practitioners to enable effective op-*  
16                   *erations in the information environ-*  
17                   *ment.*

18                   *(III) Manage information oper-*  
19                   *ations professionals, practitioners, and*  
20                   *organizations to meet emerging oper-*  
21                   *ational needs.*

22                   *(IV) Establish a baseline assess-*  
23                   *ment of current ability of the Depart-*  
24                   *ment to conduct operations in the in-*  
25                   *formation environment, including an*

1                   *identification of the types of units and*  
2                   *organizations currently responsible for*  
3                   *building and employing information-*  
4                   *related capabilities and an assignment*  
5                   *of appropriate roles and missions for*  
6                   *each type of unit or organization.*

7                   (V) *Develop the ability of the De-*  
8                   *partment and operating forces to en-*  
9                   *gage, assess, characterize, forecast, and*  
10                  *visualize the information environment.*

11                  (VI) *Develop and maintain the*  
12                  *proper capabilities and capacity to op-*  
13                  *erate effectively in the information en-*  
14                  *vironment in coordination with imple-*  
15                  *mentation of related cyber and other*  
16                  *strategies.*

17                  (VII) *Develop and maintain the*  
18                  *capability to assess accurately the ef-*  
19                  *fect of operations in the information*  
20                  *environment.*

21                  (VIII) *Adopt, adapt, and develop*  
22                  *new science and technology for the De-*  
23                  *partment to operate effectively in the*  
24                  *information environment.*

1            *(IX) Develop and adapt informa-*  
2            *tion environment-related concepts,*  
3            *policies, and guidance.*

4            *(X) Ensure doctrine relevant to*  
5            *operations in the information environ-*  
6            *ment remains current and responsive*  
7            *based on lessons learned and best prac-*  
8            *tices.*

9            *(XI) Develop, update, and de-con-*  
10           *flict authorities and permissions, as*  
11           *appropriate, to enable effective oper-*  
12           *ations in the information environment.*

13           *(XII) Establish and maintain*  
14           *partnerships among Department and*  
15           *interagency partners, including the*  
16           *Global Engagement Center, to enable*  
17           *more effective whole-of-government op-*  
18           *erations in the information environ-*  
19           *ment.*

20           *(XIII) Establish and maintain*  
21           *appropriate interaction with entities*  
22           *that are not part of the Federal Gov-*  
23           *ernment, including entities in indus-*  
24           *try, entities in academia, federally*  
25           *funded research and development cen-*

1                    *ters, and other organizations, to enable*  
2                    *operations in the information environ-*  
3                    *ment.*

4                    *(XIV) Establish and maintain*  
5                    *collaboration between and among the*  
6                    *Department and international part-*  
7                    *ners, including partner countries and*  
8                    *nongovernmental organizations, to en-*  
9                    *able more effective operations in the in-*  
10                   *formation environment.*

11                   *(XV) Foster, enhance, and lever-*  
12                   *age partnership capabilities and ca-*  
13                   *pacities.*

14                   *(v) An analysis of any personnel,*  
15                   *resourcing, capability, authority, or other*  
16                   *gaps that will need to be addressed to en-*  
17                   *sure effective implementation of the strategy*  
18                   *described in subparagraph (A)(i) across all*  
19                   *relevant elements of the Department.*

20                   *(vi) An investment framework and*  
21                   *projected timeline for addressing any gaps*  
22                   *identified under clause (v).*

23                   *(vii) Such other matters as the Sec-*  
24                   *retary of Defense considers relevant.*

1           (C) *PERIODIC STATUS REPORTS.*—Not later  
2           than 90 days after the date on which the imple-  
3           mentation plan is submitted under subpara-  
4           graph (A)(ii) and not less frequently than once  
5           every 90 days thereafter until the date that is  
6           three years after the date of such submittal, the  
7           head of the task force shall submit to the congres-  
8           sional defense committees a report describing the  
9           status of the efforts of the Department to accom-  
10          plish the tasks specified under clauses (iv) and  
11          (vi) of subparagraph (B).

12          (c) *TRAINING AND EDUCATION.*—Consistent with the  
13          elements of the implementation plan required under clauses  
14          (i) and (ii) of subsection (b)(2)(B)(4), the head of the task  
15          force shall establish programs to provide training and edu-  
16          cation to such members of the Armed Forces and civilian  
17          employees of the Department of Defense as the Secretary  
18          considers appropriate to ensure understanding of the role  
19          of information in warfare, the central goal of all military  
20          operations to affect the perceptions, views, and decision-  
21          making of adversaries, and the effective management and  
22          conduct of operations in the information environment.

23          (d) *ESTABLISHMENT OF DEFENSE INTELLIGENCE OF-*  
24          *FICER FOR INFORMATION OPERATIONS AND CYBER OPER-*  
25          *ATIONS.*—The Secretary shall establish a position within

1 *the Department of Defense known as the “Defense Intel-*  
2 *ligence Officer for Information Operations and Cyber Oper-*  
3 *ations”.*

4 *(e) DEFINITIONS.—In this section:*

5 *(1) The term “head of the task force” means the*  
6 *head appointed under subsection (a)(2)(A).*

7 *(2) The term “implementation plan” means the*  
8 *plan required by subsection (b)(2)(A)(ii).*

9 *(3) The term “task force” means the cross-func-*  
10 *tional task force established under subsection*  
11 *(a)(1)(A).*

12 **SEC. 11005. REPORT ON CYBER CAPABILITY AND READI-**  
13 **NESS SHORTFALLS OF ARMY COMBAT TRAIN-**  
14 **ING CENTERS.**

15 *(a) IN GENERAL.—Not later than 180 days after the*  
16 *date of the enactment of this Act, the Secretary of the Army*  
17 *shall submit to Congress a report on the Army Combat*  
18 *Training Centers and the current resident cyber capabili-*  
19 *ties and training at such centers to examine potential*  
20 *training readiness shortfalls and ensure that pre-rotational*  
21 *cyber training needs are met.*

22 *(b) CONSIDERATION OF NEARBY ASSETS.—In pre-*  
23 *paring the report under subsection (a), the Secretary shall*  
24 *take into account nearby Army Combat Training Center*



1           *other organizations and elements of the Depart-*  
2           *ment, for a fiscal year.*

3           *(B) The date on which the Department*  
4           *projects the completions of audits of the full fi-*  
5           *nancial statements of the Department, and the*  
6           *military departments, Defense Agencies, and*  
7           *other organizations and elements of the Depart-*  
8           *ment, for a fiscal year.*

9           *(C) Beginning with fiscal year 2019, the*  
10          *dates on which the Department expects to obtain*  
11          *an unqualified audit opinion on the full finan-*  
12          *cial statements of the Department, the military*  
13          *departments, the Defense Agencies, and other or-*  
14          *ganizations and elements of the Department for*  
15          *a fiscal year.*

16          *(D) The anticipated total cost of future au-*  
17          *ditions as described in subparagraphs (A) through*  
18          *(C).*

19          *(3) The anticipated annual costs of maintaining*  
20          *an unqualified audit opinion on the full financial*  
21          *statements of the Department, the military depart-*  
22          *ments, the Defense Agencies, and other organizations*  
23          *and elements of the Department for a fiscal year after*  
24          *an unqualified audit opinion on such full financial*  
25          *statements for a fiscal year is first obtained.*

1 **SEC. 11007. REPORT ON HURRICANE DAMAGE TO DEPART-**  
2 **MENT OF DEFENSE ASSETS.**

3 (a) *IN GENERAL.*—Not later than 90 days after the  
4 date of the enactment of this Act, the Secretary of Defense  
5 shall submit to the congressional defense committees a re-  
6 port on damage to Department of Defense assets and instal-  
7 lations from hurricanes during 2017.

8 (b) *ELEMENTS.*—The report required under subsection  
9 (a) shall include the following elements:

10 (1) *The results of a storm damage assessment.*

11 (2) *A description of affected military installa-*  
12 *tions and assets.*

13 (3) *A request for funding to initiate the repair*  
14 *and replacement of damaged facilities and assets, in-*  
15 *cluding necessary upgrades to existing facilities to*  
16 *make them compliant with current hurricane stand-*  
17 *ards, and to cover any unfunded requirements for*  
18 *military construction at affected military installa-*  
19 *tions.*

20 (4) *An adaptation plan to ensure military in-*  
21 *stallations funded with taxpayer dollars are con-*  
22 *structed to better withstand flooding and extreme*  
23 *weather events.*

1 **SEC. 11008. ESTABLISHMENT OF CENTER OF EXCELLENCE**  
2 **IN PREVENTION, DIAGNOSIS, MITIGATION,**  
3 **TREATMENT, AND REHABILITATION OF**  
4 **HEALTH CONDITIONS RELATING TO EXPO-**  
5 **SURE TO BURN PITS AND OTHER ENVIRON-**  
6 **MENTAL EXPOSURES.**

7 (a) *IN GENERAL.*—Subchapter II of chapter 73 of title  
8 38, United States Code, is amended by adding at the end  
9 the following new section:

10 **“§ 7330C. Center of excellence in prevention, diag-**  
11 **nosis, mitigation, treatment, and rehabili-**  
12 **tation of health conditions relating to ex-**  
13 **posure to burn pits and other environ-**  
14 **mental exposures**

15 “(a) *ESTABLISHMENT.*—(1) The Secretary shall estab-  
16 lish within the Department a center of excellence in the pre-  
17 vention, diagnosis, mitigation, treatment, and rehabilita-  
18 tion of health conditions relating to exposure to burn pits  
19 and other environmental exposures to carry out the respon-  
20 sibilities specified in subsection (d).

21 “(2) The Secretary shall establish the center of excel-  
22 lence under paragraph (1) through the use of—

23 “(A) the directives and policies of the Depart-  
24 ment in effect as of the date of the enactment of the  
25 National Defense Authorization Act for Fiscal Year  
26 2018;

1           “(B) *the recommendations of the Comptroller*  
2           *General of the United States and Inspector General of*  
3           *the Department in effect as of such date; and*

4           “(C) *guidance issued by the Secretary of Defense*  
5           *under section 313 of the National Defense Authoriza-*  
6           *tion Act for Fiscal Year 2013 (Public Law 112–239;*  
7           *10 U.S.C. 1074 note).*

8           “(b) *SELECTION OF SITE.—In selecting the site for the*  
9           *center of excellence established under subsection (a), the Sec-*  
10          *retary shall consider entities that—*

11           “(1) *are equipped with the specialized equipment*  
12           *needed to study, diagnose, and treat health conditions*  
13           *relating to exposure to burn pits and other environ-*  
14           *mental exposures;*

15           “(2) *have a track record of publishing informa-*  
16           *tion relating to post-deployment health exposures*  
17           *among veterans who served in the Armed Forces in*  
18           *support of Operation Iraqi Freedom and Operation*  
19           *Enduring Freedom;*

20           “(3) *have access to animal models and in vitro*  
21           *models of dust immunology and lung injury con-*  
22           *sistent with the injuries of members of the Armed*  
23           *Forces who served in support of Operation Iraqi Free-*  
24           *dom and Operation Enduring Freedom; and*

1           “(4) *have expertise in allergy, immunology, and*  
2           *pulmonary diseases.*

3           “(c) *COLLABORATION.—The Secretary shall ensure*  
4           *that the center of excellence collaborates, to the maximum*  
5           *extent practicable, with the Secretary of Defense, institu-*  
6           *tions of higher education, and other appropriate public and*  
7           *private entities (including international entities) to carry*  
8           *out the responsibilities specified in subsection (d).*

9           “(d) *RESPONSIBILITIES.—The center of excellence shall*  
10          *have the following responsibilities:*

11           “(1) *To provide for the development, testing, and*  
12           *dissemination within the Department of best practices*  
13           *for the treatment of health conditions relating to expo-*  
14           *sure to burn pits and other environmental exposures.*

15           “(2) *To provide guidance for the health systems*  
16           *of the Department and the Department of Defense in*  
17           *determining the personnel required to provide quality*  
18           *health care for members of the Armed Forces and vet-*  
19           *erans with health conditions relating to exposure to*  
20           *burn pits and other environmental exposures.*

21           “(3) *To establish, implement, and oversee a com-*  
22           *prehensive program to train health professionals of*  
23           *the Department and the Department of Defense in the*  
24           *treatment of health conditions relating to exposure to*  
25           *burn pits and other environmental exposures.*

1           “(4) To facilitate advancements in the study of  
2           the short-term and long-term effects of exposure to  
3           burn pits and other environmental exposures.

4           “(5) To disseminate within medical facilities of  
5           the Department best practices for training health pro-  
6           fessionals with respect to health conditions relating to  
7           exposure to burn pits and other environmental expo-  
8           sures.

9           “(6) To conduct basic science and translational  
10          research on health conditions relating to exposure to  
11          burn pits and other environmental exposures for the  
12          purposes of understanding the etiology of such condi-  
13          tions and developing preventive interventions and  
14          new treatments.

15          “(7) To provide medical treatment to veterans  
16          diagnosed with medical conditions specific to exposure  
17          to burn pits and other environmental exposures.

18          “(e) *USE OF BURN PITS REGISTRY DATA.*—In car-  
19          rying out its responsibilities under subsection (d), the center  
20          of excellence shall have access to and make use of the data  
21          accumulated by the burn pits registry established under sec-  
22          tion 201 of the Dignified Burial and Other Veterans’ Bene-  
23          fits Improvement Act of 2012 (Public Law 112–260; 38  
24          U.S.C. 527 note).

1       “(f) *FUNDING.*—*This Secretary shall carry out this*  
2 *section using amounts appropriated to the Department for*  
3 *such purpose.*

4       “(g) *DEFINITIONS.*—*In this section:*

5           “(1) *The term ‘burn pit’ means an area of land*  
6 *located in Afghanistan or Iraq that—*

7               “(A) *is designated by the Secretary of De-*  
8 *fense to be used for disposing solid waste by*  
9 *burning in the outdoor air; and*

10               “(B) *does not contain a commercially man-*  
11 *ufactured incinerator or other equipment specifi-*  
12 *cally designed and manufactured for the burning*  
13 *of solid waste.*

14           “(2) *The term ‘other environmental exposures’*  
15 *means exposure to environmental hazards, including*  
16 *burn pits, dust or sand, hazardous materials, and*  
17 *waste at any site in Afghanistan or Iraq that emits*  
18 *smoke containing pollutants present in the environ-*  
19 *ment or smoke from fires or explosions.”.*

20       “(b) *CLERICAL AMENDMENT.*—*The table of sections at*  
21 *the beginning of chapter 73 of such title is amended by in-*  
22 *serting after the item relating to section 7330B the following*  
23 *new item:*

      “7330C. *Center of excellence in prevention, diagnosis, mitigation, treatment, and*  
      *rehabilitation of health conditions relating to exposure to burn*  
      *pits and other environmental exposures.”.*

1     ***Subtitle B—Government Purchase***  
2                     ***and Travel Cards***

3     **SEC. 11021. SHORT TITLE.**

4             *This subtitle may be cited as the “Saving Federal Dol-*  
5 *lars Through Better Use of Government Purchase and Trav-*  
6 *el Cards Act of 2017”.*

7     **SEC. 11022. DEFINITIONS.**

8             *In this subtitle:*

9                     (1) *IMPROPER PAYMENT.*—*The term “improper*  
10 *payment” has the meaning given the term in section*  
11 *2 of the Improper Payments Information Act of 2002*  
12 *(31 U.S.C. 3321 note).*

13                    (2) *QUESTIONABLE TRANSACTION.*—*The term*  
14 *“questionable transaction” means a charge card*  
15 *transaction that from initial card data appears to be*  
16 *high risk and may therefore be improper due to non-*  
17 *compliance with applicable law, regulation or policy.*

18                    (3) *STRATEGIC SOURCING.*—*The term “strategic*  
19 *sourcing” means analyzing and modifying a Federal*  
20 *agency’s spending patterns to better leverage its pur-*  
21 *chasing power, reduce costs, and improve overall per-*  
22 *formance.*

23     **SEC. 11023. EXPANDED USE OF DATA ANALYTICS.**

24             (a) *STRATEGY.*—*Not later than 180 days after the date*  
25 *of the enactment of this Act, the Director of the Office of*

1 *Management and Budget, in consultation with the Admin-*  
2 *istrator for General Services, shall develop a strategy to ex-*  
3 *pand the use of data analytics in managing government*  
4 *purchase and travel charge card programs. These analytics*  
5 *may employ existing General Services Administration ca-*  
6 *pabilities, and may be in conjunction with agencies' capa-*  
7 *bilities, for the purpose of—*

8           (1) *identifying examples or patterns of question-*  
9 *able transactions and developing enhanced tools and*  
10 *methods for agency use in—*

11                   (A) *identifying questionable purchase and*  
12 *travel card transactions; and*

13                   (B) *recovering improper payments made*  
14 *with purchase and travel cards;*

15           (2) *identifying potential opportunities for agen-*  
16 *cies to further leverage administrative process stream-*  
17 *lining and cost reduction from purchase and travel*  
18 *card use, including additional agency opportunities*  
19 *for card-based strategic sourcing;*

20           (3) *developing a set of purchase and travel card*  
21 *metrics and benchmarks for high-risk activities, which*  
22 *shall assist agencies in identifying potential emphasis*  
23 *areas for their purchase and travel card management*  
24 *and oversight activities, including those required by*

1 *the Government Charge Card Abuse Prevention Act of*  
2 *2012 (Public Law 112–194); and*

3 *(4) developing a plan, which may be based on*  
4 *existing capabilities, to create a library of analytics*  
5 *tools and data sources for use by Federal agencies (in-*  
6 *cluding inspectors general of those agencies).*

7 **SEC. 11024. GUIDANCE ON IMPROVING INFORMATION SHAR-**  
8 **ING TO CURB IMPROPER PAYMENTS.**

9 *(a) IN GENERAL.—Not later than 180 days after the*  
10 *date of the enactment of this Act, the Director of the Office*  
11 *of Management and Budget, in consultation with the Ad-*  
12 *ministrators of General Services and the interagency charge*  
13 *card data management group established under section*  
14 *1095, shall issue guidance on improving information shar-*  
15 *ing by government agencies for the purposes of section*  
16 *1093(a)(1).*

17 *(b) ELEMENTS.—The guidance issued under subsection*  
18 *(a) shall—*

19 *(1) require relevant officials at Federal agencies*  
20 *to identify high-risk activities and communicate that*  
21 *information to the appropriate management levels*  
22 *within the agencies;*

23 *(2) require that appropriate officials at Federal*  
24 *agencies review the reports issued by charge card-*  
25 *issuing banks on questionable transaction activity*

1       *(such as purchase and travel card pre-suspension and*  
2       *suspension reports, delinquency reports, and exception*  
3       *reports), including transactions that occur with high-*  
4       *risk activities, and suspicious timing or amounts of*  
5       *cash withdrawals or advances;*

6               *(3) provide for the appropriate sharing of infor-*  
7       *mation related to potential questionable transactions,*  
8       *fraud schemes, and high-risk activities with the Gen-*  
9       *eral Services Administration and the appropriate of-*  
10       *icials in Federal agencies;*

11               *(4) consider the recommendations made by In-*  
12       *spectors General or the best practices Inspectors Gen-*  
13       *eral have identified; and*

14               *(5) include other requirements determined ap-*  
15       *propriate by the Director for the purposes of carrying*  
16       *out this subtitle.*

17 **SEC. 11025. INTERAGENCY CHARGE CARD DATA MANAGE-**  
18               **MENT GROUP.**

19       *(a) ESTABLISHMENT.—The Administrator of General*  
20       *Services and the Director of the Office of Management and*  
21       *Budget shall establish a purchase and travel charge card*  
22       *data management group to develop and share best practices*  
23       *for the purposes described in section 1093(a).*

24       *(b) ELEMENTS.—The best practices developed under*  
25       *subsection (a) shall—*

1           (1) *cover rules, edits, and task order or contract*  
2           *modifications related to charge card-issuing banks;*

3           (2) *include the review of accounts payable infor-*  
4           *mation and purchase and travel card transaction*  
5           *data of agencies for the purpose of identifying poten-*  
6           *tial strategic sourcing and other additional opportu-*  
7           *nities (such as recurring payments, utility payments,*  
8           *and grant payments) for which the charge cards or*  
9           *related payment products could be used as a payment*  
10          *method; and*

11          (3) *include other best practices as determined by*  
12          *the Administrator and Director.*

13          (c) *MEMBERSHIP.—The purchase and travel charge*  
14          *card data management group shall meet regularly as deter-*  
15          *mined by the co-chairs, for a duration of three years, and*  
16          *include those agencies as described in section 2 of the Gov-*  
17          *ernment Charge Card Abuse Prevention Act of 2012 (Public*  
18          *Law 112–194) and others identified by the Administrator*  
19          *and Director.*

20          **SEC. 11026. REPORTING REQUIREMENTS.**

21          (a) *GENERAL SERVICES ADMINISTRATION REPORT.—*  
22          *Not later than one year after the date of the enactment of*  
23          *this Act, the Administrator for General Services shall sub-*  
24          *mit a report to Congress on the implementation of this sub-*  
25          *title, including the metrics used in determining whether the*

1 *analytic and benchmarking efforts have reduced, or contrib-*  
2 *uted to the reduction of, questionable or improper payments*  
3 *as well as improved utilization of card-based payment*  
4 *products.*

5       **(b) AGENCY REPORTS AND CONSOLIDATED REPORT TO**  
6 *CONGRESS.—Not later than one year after the date of the*  
7 *enactment of this Act, the head of each Federal agency de-*  
8 *scribed in section 2 of the Government Charge Card Abuse*  
9 *Prevention Act of 2012 (Public Law 112–194) shall submit*  
10 *a report to the Director of the Office of Management and*  
11 *Budget on that agency’s activities to implement this sub-*  
12 *title.*

13       **(c) OFFICE OF MANAGEMENT AND BUDGET REPORT**  
14 *TO CONGRESS.—The Director of the Office of Management*  
15 *and Budget shall submit to Congress a consolidated report*  
16 *of agency activities to implement this subtitle, which may*  
17 *be included as part of another report submitted to Congress*  
18 *by the Director.*

19       **(d) REPORT ON ADDITIONAL SAVINGS OPPORTUNI-**  
20 *TIES.—Not later than one year after the date of the enact-*  
21 *ment of this Act, the Administrator of General Services*  
22 *shall submit a report to Congress identifying and exploring*  
23 *further potential savings opportunities for government*  
24 *agencies under the Federal charge card programs. This re-*

1 port may be combined with the report required under sub-  
2 section (a).

3 **TITLE CXII—MATTERS RELATING**  
4 **TO FOREIGN NATIONS**

5 **SEC. 11201. SENSE OF CONGRESS ON CYBERSECURITY CO-**  
6 **OPERATION WITH UKRAINE.**

7 (a) *FINDINGS.*—Congress makes the following findings:

8 (1) *There is a strong history of cyber attacks in*  
9 *Ukraine, including a significant attack on its power*  
10 *grid in December 2015 by Russia.*

11 (2) *The United States supports Ukraine and the*  
12 *Ukrainian Security Assistance Initiative.*

13 (b) *SENSE OF CONGRESS.*—*It is the sense of Congress*  
14 *that—*

15 (1) *the United States reaffirms support for the*  
16 *sovereignty and territorial integrity of Ukraine, espe-*  
17 *cially as a result of Russia’s invasion of Ukraine and*  
18 *in the face of increased Russian aggression in the re-*  
19 *gion; and*

20 (2) *the United States should assist Ukraine in*  
21 *improving its cybersecurity capabilities.*

22 **SEC. 11202. NORTH KOREA STRATEGY.**

23 (a) *REPORT ON STRATEGY REQUIRED.*—*Not later*  
24 *than 90 days after the date of the enactment of this Act,*  
25 *the Secretary of Defense shall submit to the congressional*

1 *defense committees a report that sets forth a strategy of the*  
2 *United States with respect to North Korea.*

3 *(b) ELEMENTS.—The report required by subsection (a)*  
4 *shall include the following elements:*

5 *(1) A description and assessment of the primary*  
6 *threats to United States national security interests*  
7 *from North Korea.*

8 *(2) A description of support from foreign nations*  
9 *for North Korea’s nuclear and ballistic missile pro-*  
10 *grams.*

11 *(3) A description of the security relationships be-*  
12 *tween China and North Korea and Russia and North*  
13 *Korea, including trends in those relationships and*  
14 *their impact on the Government of North Korea.*

15 *(4) A description of the security relationships be-*  
16 *tween other countries and North Korea, and an iden-*  
17 *tification of countries that may be undermining*  
18 *United States objectives identified in paragraph (5).*

19 *(5) The desired end state in North Korea and*  
20 *current United States objectives relative to security*  
21 *threats emanating from North Korea.*

22 *(6) A detailed roadmap to reach the end state*  
23 *and objectives identified in paragraph (5).*

1           (7) *An identification of the resources and au-*  
2 *thorities necessary to carry out the roadmap described*  
3 *in paragraph (6).*

4           (8) *A description of operational plans and asso-*  
5 *ciated military requirements for the protection of*  
6 *United States national security interests relative to*  
7 *threats from North Korea.*

8           (9) *An identification of any personnel, capa-*  
9 *bility, and resource gaps that would impact the execu-*  
10 *tion of the roadmap described in paragraph (6) or*  
11 *any associated operational plan, and a mitigation*  
12 *plan to address such gaps.*

13           (10) *An assessment of current and desired part-*  
14 *ner nation contributions to countering threats from*  
15 *North Korea and a plan to enhance military coopera-*  
16 *tion with nations that have shared security interests.*

17           (c) *FORM.*—*The report required by subsection (a) shall*  
18 *be submitted in unclassified form, but may include a classi-*  
19 *fied annex.*

20           (d) *QUARTERLY UPDATES REQUIRED.*—*The Secretary*  
21 *of Defense shall provide Congress with a quarterly written*  
22 *progress report on the implementation of the strategy re-*  
23 *quired pursuant to subsection (a) in unclassified form.*

1 **SEC. 11203. PLAN ON IMPROVEMENT OF ABILITY OF FOR-**  
2 **EIGN GOVERNMENTS PARTICIPATING IN**  
3 **UNITED STATES INSTITUTIONAL CAPACITY**  
4 **BUILDING PROGRAMS TO PROTECT CIVIL-**  
5 **IANS.**

6 (a) *REPORT ON PLAN.*—Not later than 90 days after  
7 the date of the enactment of this Act, the Secretary of De-  
8 fense and the Secretary of State shall jointly submit to the  
9 appropriate committees of Congress a report setting forth  
10 a plan, to be implemented as part of each institutional ca-  
11 pacity building program required by section 333(c)(4) of  
12 title 10, United States Code, to improve the ability of for-  
13 eign governments to protect civilians.

14 (b) *ELEMENTS.*—The plan required by subsection (a)  
15 shall include the following:

16 (1) *Efforts to develop and integrate civilian*  
17 *harm mitigation principles and techniques in all rel-*  
18 *evant partner force standard operating procedures.*

19 (2) *Efforts to build partner capacity to collect,*  
20 *track, and analyze civilian casualty data and apply*  
21 *lessons learned to future operations, and to provide*  
22 *amends to civilians harmed by partner force oper-*  
23 *ations.*

24 (3) *Efforts to support enhanced investigatory*  
25 *and accountability standards in partner forces to en-*  
26 *sure compliance with the laws of armed conflict and*

1     *appropriate human rights and civilian protection*  
2     *standards.*

3             (4) *Support for increased partner transparency,*  
4     *which should include the establishment of civil affairs*  
5     *capabilities within partner militaries to improve*  
6     *communication with the public.*

7             (5) *An estimate of the resources required to im-*  
8     *plement the efforts and support described in para-*  
9     *graphs (1) through (4).*

10            (6) *A description of the appropriate roles of the*  
11     *Department of Defense and the Department of State*  
12     *in such efforts and support.*

13     (c) *APPROPRIATE COMMITTEES OF CONGRESS DE-*  
14     *FINED.—In this section, the term “appropriate committees*  
15     *of Congress” means—*

16            (1) *the Committee on Armed Services, the Com-*  
17     *mittee on Foreign Relations, and the Committee on*  
18     *Appropriations of the Senate; and*

19            (2) *the Committee on Armed Services, the Com-*  
20     *mittee on Foreign Affairs, and the Committee on Ap-*  
21     *propriations of the House of Representatives.*

1 **SEC. 11204. REPORT ON THE CAPABILITIES AND ACTIVITIES**  
2 **OF THE ISLAMIC STATE OF IRAQ AND SYRIA**  
3 **AND OTHER VIOLENT EXTREMIST GROUPS IN**  
4 **SOUTHEAST ASIA.**

5 (a) *REPORT REQUIRED.*—Not later than 180 days  
6 after the date of enactment of this Act, the Secretary of De-  
7 fense shall submit to the appropriate committees of Congress  
8 a report setting forth an assessment of the current and fu-  
9 ture capabilities and activities of the Islamic State of Iraq  
10 and Syria (ISIS) and other violent extremist groups in  
11 Southeast Asia.

12 (b) *ELEMENTS.*—The report shall include the fol-  
13 lowing:

14 (1) *The current number of Islamic State of Iraq*  
15 *and Syria fighters in Southeast Asia.*

16 (2) *The estimated number of Islamic State of*  
17 *Iraq and Syria fighters expected to return to South-*  
18 *east Asia from fighting in the Middle East.*

19 (3) *The current resources available to combat the*  
20 *threat of the Islamic State of Iraq and Syria in*  
21 *Southeast Asia, and the additional resources required*  
22 *to combat that threat.*

23 (4) *A detailed assessment of the capabilities of*  
24 *the Islamic State of Iraq and Syria to operate effec-*  
25 *tively in countries such as the Philippines, Indonesia,*  
26 *and Malaysia.*



1           (2) *the defeat of the Islamic State of Iraq and*  
2 *the Levant is critical to maintaining a unified Iraq*  
3 *in which all faiths, sects, and ethnicities are afforded*  
4 *equal protection and full integration into the Govern-*  
5 *ment and society of Iraq; and*

6           (3) *the United States should, in coordination*  
7 *with coalition partners, continue necessary support to*  
8 *the security forces of or associated with the Govern-*  
9 *ment of Iraq that have a national security mission in*  
10 *their fight against the Islamic State of Iraq and the*  
11 *Levant.*

12 **SEC. 11206. CLARIFICATION OF AUTHORITY TO SUPPORT**  
13 **BORDER SECURITY OPERATIONS OF CERTAIN**  
14 **FOREIGN COUNTRIES.**

15           *Paragraph (3) of section 1226(b) of the National De-*  
16 *fense Authorization Act for Fiscal Year 2016 (Public Law*  
17 *114–92; 129 Stat. 1056), as added by section 1294(b)(2)*  
18 *of the National Defense Authorization Act for Fiscal Year*  
19 *2017 (Public Law 114–328; 130 Stat. 2562), is amended*  
20 *by striking “for such fiscal year” both places it appears.*

1 **TITLE CXVI—STRATEGIC PRO-**  
2 **GRAMS, CYBER, AND INTEL-**  
3 **LIGENCE MATTERS**

4 **SEC. 11601. REQUIREMENTS RELATING TO MULTI-USE SEN-**  
5 **SITIVE COMPARTMENTED INFORMATION FA-**  
6 **CILITIES.**

7 *In order to facilitate access for small business concerns*  
8 *and nontraditional contractors to affordable secure spaces,*  
9 *the Secretary of Defense shall develop the processes and pro-*  
10 *cedures necessary to build, certify, and maintain certifi-*  
11 *cations for multi-use sensitive compartmented information*  
12 *facilities not tied to a single contract and where multiple*  
13 *companies can work on multiple projects at different secu-*  
14 *rity levels securely.*

15 **SEC. 11602. INEFFECTIVENESS OF PROHIBITION ON USE OF**  
16 **SOFTWARE PLATFORMS DEVELOPED BY**  
17 **KASPERSKY LAB.**

18 *Section 1630B shall have no force or effect.*

19 **SEC. 11603. PROHIBITION ON USE OF SOFTWARE PLAT-**  
20 **FORMS DEVELOPED BY KASPERSKY LAB.**

21 *(a) PROHIBITION.—No department, agency, organiza-*  
22 *tion, or other element of the United States Government may*  
23 *use, whether directly or through work with or on behalf of*  
24 *another organization or element of the United States Gov-*  
25 *ernment, any hardware, software, or services developed or*

1 *provided, in whole or in part, by Kaspersky Lab or any*  
2 *entity of which Kaspersky Lab has a majority ownership.*

3 (b) *EFFECTIVE DATE.*—*This section shall take effect*  
4 *on October 1, 2018.*

5 **SEC. 11604. REPORT ON SIGNIFICANT SECURITY RISKS OF**  
6 **DEFENSE CRITICAL ELECTRIC INFRASTRUC-**  
7 **TURE.**

8 (a) *REPORT REQUIRED.*—*Not later than 90 days after*  
9 *the date of the enactment of this Act, the Secretary of De-*  
10 *fense shall, in coordination with the Director of National*  
11 *Intelligence, the Secretary of Energy, and the Secretary of*  
12 *Homeland Security, submit to the appropriate committees*  
13 *of Congress a report setting forth the following:*

14 (1) *Identification of significant security risks to*  
15 *defense critical electric infrastructure posed by sig-*  
16 *nificant malicious cyber-enabled activities.*

17 (2) *An assessment of the potential effect of the se-*  
18 *curity risks identified pursuant to paragraph (1) on*  
19 *the readiness of the Armed Forces.*

20 (3) *An assessment of the strategic benefits de-*  
21 *ived from, and the challenges associated with, iso-*  
22 *lating military infrastructure from the national elec-*  
23 *tric grid and the use of microgrids by the Armed*  
24 *Forces.*

25 (4) *Recommendations on actions to be taken—*

1           (A) to eliminate or mitigate the security  
2 risks identified pursuant to paragraph (1); and

3           (B) to address the effect of those security  
4 risks on the readiness of the Armed Forces iden-  
5 tified pursuant to paragraph (2).

6       (b) *FORM OF REPORT.*—The report required by sub-  
7 section (a) shall be submitted in unclassified form, but may  
8 include a classified annex.

9       (c) *DEFINITIONS.*—In this section:

10           (1) The term “appropriate committees of Con-  
11 gress” means—

12               (A) the congressional defense committees;

13               (B) the Committee on Energy and Natural  
14 Resources and the Committee on Homeland Se-  
15 curity and Governmental Affairs of the Senate;  
16 and

17               (C) the Committee on Energy and Com-  
18 merce and the Committee on Homeland Security  
19 of the House of Representatives.

20           (2) The term “defense critical electric infrastruc-  
21 ture”—

22               (A) has the meaning given such term in sec-  
23 tion 215A(a) of the Federal Power Act (16  
24 U.S.C. 8240–1(a)); and

1           (B) shall include any electric infrastructure  
2           located in any of the 48 contiguous States or the  
3           District of Columbia that serves a facility—

4                   (i) designated by the Secretary of De-  
5                   fense as—

6                           (I) critical to the defense of the  
7                           United States; and

8                           (II) vulnerable to a disruption of  
9                           the supply of electric energy provided  
10                          to such facility by an external pro-  
11                          vider; and

12                   (ii) that is not owned or operated by  
13                   the owner or operator of such facility.

14           (3) The term “security risk” shall have such  
15           meaning as the Secretary of Defense shall determine,  
16           in coordination with the Director of National Intel-  
17           ligence and the Secretary of Energy, for purposes of  
18           the report required by subsection (a).

19           (4) The term “significant malicious cyber-en-  
20           abled activities” include—

21                   (A) significant efforts—

22                           (i) to deny access to or degrade, dis-  
23                           rupt, or destroy an information and com-  
24                           munications technology system or network;  
25                           or

1           (ii) to exfiltrate, degrade, corrupt, de-  
2           stroy, or release information from such a  
3           system or network without authorization for  
4           purposes of—

5                   (I) conducting influence oper-  
6                   ations; or

7                   (II) causing a significant mis-  
8                   appropriation of funds, economic re-  
9                   sources, trade secrets, personal identi-  
10                  fications, or financial information for  
11                  commercial or competitive advantage  
12                  or private financial gain;

13           (B) significant destructive malware attacks;

14           and

15           (C) significant denial of service activities.

16 **SEC. 11605. REPORT ON PROGRESS MADE IN IMPLE-**  
17 **MENTING THE CYBER EXCEPTED PERSONNEL**  
18 **SYSTEM.**

19           Section 1599f(h)(2) of title 10, United States Code, is  
20 amended by adding at the end the following new subpara-  
21 graph:

22                   “(F) An assessment of the progress made in im-  
23                  plementing the Cyber Excepted Personnel System.”.

1 **SEC. 11606. REPORT ON ACQUISITION STRATEGY TO RE-**  
2 **CAPITALIZE THE EXISTING SYSTEM FOR UN-**  
3 **DERSEA FIXED SURVEILLANCE.**

4 (a) *IN GENERAL.*—Not later than 60 days after the  
5 date of the enactment of this Act, the Secretary of the Navy  
6 shall submit to the congressional defense committees a re-  
7 port on the acquisition strategy to recapitalize the existing  
8 system for undersea fixed surveillance.

9 (b) *ELEMENTS.*—The report required by subsection (a)  
10 shall address the following matters:

11 (1) *A description of undersea fixed surveillance*  
12 *system recapitalization requirements, including key*  
13 *performance parameters and key system attributes as*  
14 *applicable.*

15 (2) *Cost estimates for procuring a future system*  
16 *or systems.*

17 (3) *Projected dates for key milestones within the*  
18 *acquisition strategy.*

19 (4) *A description of how the acquisition strategy*  
20 *will improve performance in the areas of detection*  
21 *and localization compared to the legacy system to en-*  
22 *able effective performance against current, emerging,*  
23 *and future threats over the life of the systems.*

24 (5) *A description of how the acquisition strategy*  
25 *will encourage competition and reward innovation for*  
26 *addressing system performance requirements.*

1 **SEC. 11607. COMPREHENSIVE REVIEW OF MARITIME INTEL-**  
2 **LIGENCE, SURVEILLANCE, RECONNAISSANCE,**  
3 **AND TARGETING.**

4 (a) *REPORT REQUIRED.*—Not later than May 1, 2018,  
5 the Secretary of the Navy shall submit to the congressional  
6 defense committees a report on maritime intelligence, sur-  
7 veillance, reconnaissance, and targeting.

8 (b) *COMPREHENSIVE REVIEW.*—The report required in  
9 subsection (a) shall include a comprehensive review of the  
10 following elements for the 2025 and 2035 timeframes:

11 (1) *A description of the projected steady-state de-*  
12 *mands for maritime intelligence, surveillance, recon-*  
13 *naissance, and targeting capabilities and capacity in*  
14 *each timeframe, including protracted gray-zone or*  
15 *low-intensity confrontations between the United*  
16 *States or its allies and potential adversaries such as*  
17 *Russia and China.*

18 (2) *A description of potential warfighting plan-*  
19 *ning scenarios in which maritime intelligence, sur-*  
20 *veillance, reconnaissance, and targeting will be re-*  
21 *quired in each prescribed timeframe, including the*  
22 *most stressing such scenario.*

23 (3) *A description of the undersea, surface, and*  
24 *air threats for each scenario described in paragraph*  
25 *(1) that will require maritime intelligence, surveil-*

1 *lance, reconnaissance, and targeting to be conducted*  
2 *in order to achieve warfighting objectives.*

3 *(4) An assessment of the sufficiency of maritime*  
4 *intelligence, surveillance, reconnaissance, and tar-*  
5 *geting program capability and capacity to achieve the*  
6 *warfighting objectives described in paragraph (3) in*  
7 *the most stressing scenario described in paragraph*  
8 *(2), including the effects of attrition.*

9 *(5) Planned operational concepts, including a*  
10 *High Level Operational Concept Graphic (OV-1) for*  
11 *each such concept, for conducting maritime intel-*  
12 *ligence, surveillance, reconnaissance, and targeting*  
13 *during steady state operations and warfighting sce-*  
14 *narios described in paragraphs (1) and (2). Consider-*  
15 *ation of distributed combat operations in a satellite*  
16 *denied environment shall be included.*

17 *(6) Specific capability gaps or risk areas in the*  
18 *ability or sufficiency of maritime intelligence, surveil-*  
19 *lance, reconnaissance, and targeting.*

20 *(7) Potential solutions to address the capability*  
21 *gaps and risk areas identified in paragraph (6), in-*  
22 *cluding new capabilities, increased capacity, or new*  
23 *operating concepts that could be employed by the*  
24 *Navy.*



1 **TITLE CXXVIII—MILITARY CON-**  
2 **STRUCTION AND GENERAL**  
3 **PROVISIONS**

4 **SEC. 12801. TECHNICAL CORRECTION TO AUTHORITY FOR**  
5 **RETURN OF CERTAIN LANDS AT FORT**  
6 **WINGATE, NEW MEXICO, TO ORIGINAL INHAB-**  
7 **ITANTS.**

8 *Section 2829F(a)(1) of the National Defense Author-*  
9 *ization Act for Fiscal Year 2017 (Public Law 114–328; 130*  
10 *Stat. 2734) is amended by striking “titled ‘The Fort*  
11 *Wingate Depot Activity Negotiated Property Division April*  
12 *2016’” and inserting “titled ‘Final Agreement Map Be-*  
13 *tween Navajo Nation and Pueblo of Zuni’, dated March*  
14 *2016.”.*

15 **SEC. 12802. ENERGY RESILIENCE.**

16 *The subsection (h) proposed to be added to section 2911*  
17 *of title 10, United States Code, by section 2845 of this Act,*  
18 *is amended in paragraph (2), by inserting “, cost of backup*  
19 *power,” after “energy security”.*

20 **TITLE CXXXI—DEPARTMENT OF**  
21 **ENERGY NATIONAL SECURITY**  
22 **PROGRAMS**

23 **SEC. 13101. PLUTONIUM CAPABILITIES.**

24 *(a) REPORT.—Not later than 30 days after the date*  
25 *of the enactment of this Act, the Administrator for Nuclear*

1 *Security shall submit to the congressional defense commit-*  
2 *tees and the Secretary of Defense a report on the rec-*  
3 *ommended alternative endorsed by the Administrator for re-*  
4 *capitalization of plutonium science and production capa-*  
5 *bilities of the nuclear security enterprise. The report shall*  
6 *identify the recommended alternative endorsed by the Ad-*  
7 *ministrator and contain the analysis of alternatives, in-*  
8 *cluding costs, upon which the Administrator relied in mak-*  
9 *ing such endorsement.*

10       *(b) CERTIFICATION.—Not later than 60 days after the*  
11 *date on which the Secretary of Defense receives the report*  
12 *required by subsection (a), the Chairman of the Nuclear*  
13 *Weapons Council shall submit to the congressional defense*  
14 *committees the written certification of the Chairman re-*  
15 *garding whether—*

16             *(1) the recommended alternative described in*  
17             *subsection (a)—*

18                     *(A) is acceptable to the Secretary of Defense*  
19                     *and the Nuclear Weapons Council and meets the*  
20                     *requirements of the Secretary for plutonium pit*  
21                     *production capacity and capability;*

22                     *(B) is likely to meet the pit production*  
23                     *timelines and milestones required by section*  
24                     *4219 of the Atomic Energy Defense Act (50*  
25                     *U.S.C. 2538a);*

1           (C) is likely to meet pit production  
2 timelines and requirements responsive to mili-  
3 tary requirements;

4           (D) is cost effective and has reasonable  
5 near-term and lifecycle costs that are minimized,  
6 to the extent practicable, as compared to other  
7 alternatives;

8           (E) contains minimized and manageable  
9 risks as compared to other alternatives; and

10          (F) can be acceptably reconciled with any  
11 differences in the conclusions made by the Office  
12 of Cost Assessment and Program Evaluation of  
13 the Department of Defense in the business case  
14 analysis of plutonium pit production capability  
15 issued in 2013; and

16          (2) the Administrator has—

17           (A) documented the assumptions and con-  
18 straints used in the analysis of alternatives de-  
19 scribed in subsection (a); and

20           (B) tested and documented the sensitivity of  
21 the cost estimates for each alternative to risks  
22 and changes in key assumptions.

23          (c) ASSESSMENT.—

24           (1) IN GENERAL.—Not later than 90 days after  
25 the date of the enactment of this Act, the Director of

1        *Cost Estimating and Program Evaluation of the Na-*  
2        *tional Nuclear Security Administration shall, in con-*  
3        *sultation with the Director of the Cost Assessment and*  
4        *Program Evaluation of the Department of Defense,*  
5        *provide to the congressional defense committees a*  
6        *briefing containing the assessment of the Directors of*  
7        *the analysis of alternatives described in subsection*  
8        *(a).*

9                (2) *ELEMENTS.*—*The briefing required by para-*  
10        *graph (1) shall include—*

11                    (A) *descriptions of the scope, risks, and*  
12                    *costs for alternatives not considered in the anal-*  
13                    *ysis of alternatives that the Directors deem via-*  
14                    *ble; and*

15                    (B) *any views of the Administrator regard-*  
16                    *ing such alternatives.*

17        (d) *REVIEW BY COMPTROLLER GENERAL.*—*Not later*  
18        *than 60 days after receiving the report required by sub-*  
19        *section (a) and the briefing required by subsection (c), the*  
20        *Comptroller General of the United States shall brief the con-*  
21        *gressional defense committees on—*

22                    (1) *the alternatives considered by the Adminis-*  
23                    *trator in the analysis of alternatives described in sub-*  
24                    *section (a) and the alternatives described in sub-*  
25                    *section (c)(2)(A);*

- 1           (2) *the accuracy of such alternatives; and*  
2           (3) *any other issues the Comptroller General con-*  
3 *siders relevant.*

4           ***TITLE CXXXV—MARITIME***  
5           ***ADMINISTRATION***

6 ***SEC. 13501. INEFFECTIVENESS OF MARITIME ADMINISTRA-***  
7 ***TION PROVISIONS.***

8           *Title XXXV shall have no force or effect.*

9 ***SEC. 13502. AUTHORIZATION OF THE MARITIME ADMINIS-***  
10 ***TRATION.***

11           *(a) IN GENERAL.—There are authorized to be appro-*  
12 *priated to the Department of Transportation for fiscal year*  
13 *2018, to be available without fiscal year limitation if so*  
14 *provided in appropriations Acts, for programs associated*  
15 *with maintaining the United States merchant marine, the*  
16 *following amounts:*

17           *(1) For expenses necessary for operations of the*  
18 *United States Merchant Marine Academy,*  
19 *\$100,802,000, of which—*

20           *(A) \$75,751,000 shall be for Academy oper-*  
21 *ations, including—*

22           *(i) the implementation of section*  
23 *3514(b) of the National Defense Authoriza-*  
24 *tion Act for Fiscal Year 2017, as added by*  
25 *section 3508; and*

1                   (ii) staffing, training, and other ac-  
2                   tions necessary to prevent and respond to  
3                   sexual harassment and sexual assault; and  
4                   (B) \$25,051,000 shall remain available  
5                   until expended for capital asset management at  
6                   the Academy.

7                   (2) For expenses necessary to support the State  
8                   maritime academies, \$29,550,000, of which—

9                   (A) \$2,400,000 shall remain available until  
10                  September 30, 2018, for the Student Incentive  
11                  Program;

12                  (B) \$3,000,000 shall remain available until  
13                  expended for direct payments to such academies;

14                  (C) \$22,000,000 shall remain available  
15                  until expended for maintenance and repair of  
16                  State maritime academy training vessels;

17                  (D) \$1,800,000 shall remain available until  
18                  expended for training ship fuel assistance; and

19                  (E) \$350,000 shall remain available until  
20                  expended for expenses to improve the monitoring  
21                  of the service obligations of graduates.

22                  (3) For expenses necessary to support the Na-  
23                  tional Security Multi-Mission Vessel Program,  
24                  \$36,000,000, which shall remain available until ex-  
25                  pended.

1           (4) *For expenses necessary to support Maritime*  
2 *Administration operations and programs,*  
3 *\$58,694,000.*

4           (5) *For expenses necessary to dispose of vessels in*  
5 *the National Defense Reserve Fleet, \$20,000,000,*  
6 *which shall remain available until expended.*

7           (6) *For expenses necessary for the loan guarantee*  
8 *program authorized under chapter 537 of title 46,*  
9 *United States Code, \$33,000,000, of which—*

10                   (A) *\$30,000,000 may be used for the cost*  
11 *(as defined in section 502(5) of the Federal Cred-*  
12 *it Reform Act of 1990 (2 U.S.C. 661a(5))) of*  
13 *loan guarantees under the program; and*

14                   (B) *\$3,000,000 may be used for administra-*  
15 *tive expenses relating to loan guarantee commit-*  
16 *ments under the program.*

17           (b) *ASSISTANCE FOR SMALL SHIPYARDS AND MARI-*  
18 *TIME COMMUNITIES.—Section 54101(i) of title 46, United*  
19 *States Code, is amended—*

20                   (1) *in the matter preceding paragraph (1), by*  
21 *striking “2015 through 2017” and inserting “2018*  
22 *through 2020”;*

23                   (2) *in paragraph (1), by striking “\$5,000,000”*  
24 *and inserting “\$7,500,000”; and*

1           (3) *in paragraph (2), by striking “\$25,000,000”*  
2           *and inserting “\$27,500,000”.*

3 **SEC. 13503. REMOVAL ADJUNCT PROFESSOR LIMIT AT**  
4           **UNITED STATES MERCHANT MARINE ACAD-**  
5           **EMY.**

6           *Section 51317 of title 46, United States Code, is*  
7           *amended—*

8           (1) *in subsection (b)—*

9                   (A) *in paragraph (1), by striking “and” at*  
10           *the end; and*

11                   (B) *in paragraph (2), by striking the period*  
12           *at the end and inserting “; and”; and*

13           (2) *by striking subsections (c) and (d).*

14 **SEC. 13504. ACCEPTANCE OF GUARANTEES IN CONJUNC-**  
15           **TION WITH PARTIAL DONATIONS FOR MAJOR**  
16           **PROJECTS OF THE UNITED STATES MER-**  
17           **CHANT MARINE ACADEMY.**

18           (a) *GUARANTEES.—Chapter 513 of title 46, United*  
19           *States Code, is amended by adding at the end the following:*

20 **“§ 51320. Acceptance of guarantees with gifts for**  
21           **major projects**

22           “(a) *DEFINITIONS.—In this section:*

23                   “(1) *MAJOR PROJECT.—The term ‘major project’*  
24           *means a project estimated to cost at least \$1,000,000*  
25           *for—*

1           “(A) the purchase or other procurement of  
2           real or personal property; or

3           “(B) the construction, renovation, or repair  
4           of real or personal property.

5           “(2) MAJOR UNITED STATES COMMERCIAL  
6           BANK.—The term ‘major United States commercial  
7           bank’ means a commercial bank that—

8           “(A) is an insured bank (as defined in sec-  
9           tion 3(h) of the Federal Deposit Insurance Act  
10           (12 U.S.C. 1813(h));

11           “(B) is headquartered in the United States;  
12           and

13           “(C) has total net assets of an amount con-  
14           sidered by the Maritime Administrator to qual-  
15           ify the bank as a major bank.

16           “(3) MAJOR UNITED STATES INVESTMENT MAN-  
17           AGEMENT FIRM.—The term ‘major United States in-  
18           vestment management firm’ means—

19           “(A) any broker or dealer (as such terms  
20           are defined in section 3 of the Securities Ex-  
21           change Act of 1934 (15 U.S.C. 78c));

22           “(B) any investment adviser or provider of  
23           investment supervisory services (as such terms  
24           are defined in section 202 of the Investment Ad-  
25           visers Act of 1940 (15 U.S.C. 80b-2)); or

1           “(C) a major United States commercial  
2 bank that—

3           “(i) is headquartered in the United  
4 States; and

5           “(ii) holds for the account of others in-  
6 vestment assets in a total amount consid-  
7 ered by the Maritime Administrator to  
8 qualify the bank as a major investment  
9 management firm.

10           “(4) QUALIFIED GUARANTEE.—The term ‘quali-  
11 fied guarantee’, with respect to a major project,  
12 means a guarantee that—

13           “(A) is made by 1 or more persons in con-  
14 nection with a donation for the project of a total  
15 amount in cash or securities that the Maritime  
16 Administrator determines is sufficient to defray  
17 a substantial portion of the total cost of the  
18 project;

19           “(B) is made to facilitate or expedite the  
20 completion of the project in reasonable anticipa-  
21 tion that other donors will contribute sufficient  
22 funds or other resources in amounts sufficient to  
23 pay for completion of the project;

24           “(C) is set forth as a written agreement  
25 providing that the donor will furnish in cash or

1           *securities, in addition to the donor’s other gift or*  
2           *gifts for the project, any additional amount that*  
3           *may become necessary for paying the cost of*  
4           *completing the project by reason of a failure to*  
5           *obtain from other donors or sources funds or*  
6           *other resources in amounts sufficient to pay the*  
7           *cost of completing the project; and*

8           “(D) is accompanied by—

9                   “(i) an irrevocable and unconditional  
10                   *standby letter of credit for the benefit of the*  
11                   *United States Merchant Marine Academy*  
12                   *that is in the amount of the guarantee and*  
13                   *is issued by a major United States commer-*  
14                   *cial bank; or*

15                   “(ii) a qualified account control agree-  
16                   *ment.*

17           “(5) *QUALIFIED ACCOUNT CONTROL AGREE-*  
18           *MENT.—The term ‘qualified account control agree-*  
19           *ment’, with respect to a guarantee of a donor, means*  
20           *an agreement among the donor, the Maritime Admin-*  
21           *istrator, and a major United States investment man-*  
22           *agement firm that—*

23                   “(A) ensures the availability of sufficient  
24                   *funds or other financial resources to pay the*

1           *amount guaranteed during the period of the*  
2           *guarantee;*

3           “(B) provides for the perfection of a secu-  
4           *rity interest in the assets of the account for the*  
5           *United States for the benefit of the United States*  
6           *Merchant Marine Academy with the highest pri-*  
7           *ority available for liens and security interests*  
8           *under applicable law;*

9           “(C) requires the donor to maintain in an  
10          *account with the investment management firm*  
11          *assets having a total value that is not less than*  
12          *130 percent of the amount guaranteed; and*

13          “(D) requires the investment management  
14          *firm, whenever the value of the account is less*  
15          *than the value required to be maintained under*  
16          *subparagraph (C), to liquidate any noncash as-*  
17          *sets in the account and reinvest the proceeds in*  
18          *Treasury bills issued under section 3104 of title*  
19          *31.*

20          “(b) ACCEPTANCE AUTHORITY.—Subject to subsection  
21          *(d), the Maritime Administrator may accept a qualified*  
22          *guarantee from a donor or donors for the completion of a*  
23          *major project for the benefit of the United States Merchant*  
24          *Marine Academy.*

1       “(c) *OBLIGATION AUTHORITY.*—*The amount of a*  
2 *qualified guarantee accepted under this section shall be con-*  
3 *sidered as contract authority to provide obligation author-*  
4 *ity for purposes of Federal fiscal and contractual require-*  
5 *ments. Funds available for a project for which such a guar-*  
6 *antee has been accepted may be obligated and expended for*  
7 *the project without regard to whether the total amount of*  
8 *funds and other resources available for the project (not tak-*  
9 *ing into account the amount of the guarantee) is sufficient*  
10 *to pay for completion of the project.*

11       “(d) *NOTICE.*—*The Maritime Administrator may not*  
12 *accept a qualified guarantee under this section for the com-*  
13 *pletion of a major project until 30 days after the date on*  
14 *which a report of the facts concerning the proposed guar-*  
15 *antee is submitted to Congress.*

16       “(e) *PROHIBITION ON COMMINGLING FUNDS.*—*The*  
17 *Maritime Administrator may not enter into any contract*  
18 *or other transaction involving the use of a qualified guar-*  
19 *antee and appropriated funds in the same contract or*  
20 *transaction.”.*

21       “(b) *CLERICAL AMENDMENT.*—*The table of sections for*  
22 *chapter 513 of title 46, United States Code, is amended by*  
23 *adding at the end the following:*

“51320. *Acceptance of guarantees with gifts for major projects.”.*

1 **SEC. 13505. AUTHORITY TO PAY CONVEYANCE OR TRANS-**  
 2 **FER EXPENSES IN CONNECTION WITH AC-**  
 3 **CEPTANCE OF A GIFT TO THE UNITED STATES**  
 4 **MERCHANT MARINE ACADEMY.**

5 *Section 51315 of title 46, United States Code, is*  
 6 *amended by inserting at the end the following:*

7 “(f) *PAYMENT OF EXPENSES.*—*The Maritime Admin-*  
 8 *istrator may pay all necessary expenses in connection with*  
 9 *the conveyance or transfer of a gift, devise, or bequest ac-*  
 10 *cepted under this section.”*

11 **SEC. 13506. AUTHORITY TO PARTICIPATE IN FEDERAL,**  
 12 **STATE OR OTHER RESEARCH GRANTS.**

13 (a) *RESEARCH GRANTS.*—*Chapter 513 of title 46,*  
 14 *United States Code, as amended by sections 3503 through*  
 15 *3505, is further amended by adding at the end the fol-*  
 16 *lowing:*

17 “§51321. **Grants for scientific and educational re-**  
 18 **search**

19 “(a) *DEFINED TERM.*—*In this section, the term ‘quali-*  
 20 *fying research grant’ is a grant that—*

21 “(1) *is awarded on a competitive basis by the*  
 22 *Federal Government (except for the Department of*  
 23 *Transportation), a State, a corporation, a fund, a*  
 24 *foundation, an educational institution, or a similar*  
 25 *entity that is organized and operated primarily for*  
 26 *scientific or educational purposes; and*

1           “(2) is to be used to carry out a research project  
2           with a scientific or educational purpose.

3           “(b) *ACCEPTANCE OF QUALIFYING RESEARCH*  
4 *GRANTS.*—Notwithstanding any other provision of law, the  
5 *United States Merchant Marine Academy* may compete for  
6 and accept qualifying research grants if the work under the  
7 grant is to be carried out by a professor or instructor of  
8 the *United States Merchant Marine Academy*.

9           “(c) *ADMINISTRATION OF GRANT FUNDS.*—

10           “(1) *ESTABLISHMENT OF ACCOUNT.*—The *Mari-*  
11 *time Administrator* shall establish a separate account  
12 for administering funds received from research grants  
13 under this section.

14           “(2) *USE OF GRANT FUNDS.*—The *Super-*  
15 *intendent* shall use grant funds deposited into the ac-  
16 count established pursuant to paragraph (1) in ac-  
17 cordance with applicable regulations and the terms  
18 and conditions of the respective grants.

19           “(d) *RELATED EXPENSES.*—Subject to such limita-  
20 tions as may be provided in appropriations Acts, appro-  
21 priations available for the *United States Merchant Marine*  
22 *Academy* may be used to pay expenses incurred by the  
23 *Academy* in applying for, and otherwise pursuing, a quali-  
24 fying research grant.”.

1       **(b) CLERICAL AMENDMENT.**—*The table of sections for*  
 2 *chapter 513 of title 46, United States Code, as amended*  
 3 *by section 3504(b), is further amended by adding at the*  
 4 *end the following:*

“51321. Grants for scientific and educational research.”.

5 **SEC. 13607. ASSISTANCE FOR SMALL SHIPYARDS AND MARI-**  
 6 **TIME COMMUNITIES.**

7       Section 54101 of title 46, United States Code, is  
 8 amended—

9           (1) by striking subsection (b) and inserting the  
 10 following:

11       “(b) AWARDS.—

12           “(1) IN GENERAL.—In providing assistance  
 13 under the program, the Administrator shall take into  
 14 account—

15           “(A) the economic circumstances and condi-  
 16 tions of maritime communities;

17           “(B) projects that would be effective in fos-  
 18 tering efficiency, competitive operations, and  
 19 quality ship construction, repair, and reconfig-  
 20 uration; and

21           “(C) projects that would be effective in fos-  
 22 tering employee skills and enhancing produc-  
 23 tivity.

24       “(2) TIMING OF AWARD.—

1           “(A) *IN GENERAL.*—*Except as provided in*  
2           *subparagraph (B), the Administrator shall*  
3           *award grants under this section not later than*  
4           *120 days after the date of the enactment of the*  
5           *appropriations Act for the fiscal year concerned.*

6           “(B) *REALLOCATION OF UNUSED FUNDS.*—  
7           *If a grant is awarded under this section and, for*  
8           *any reason, the grant funds, or any portion*  
9           *thereof, are not used by the grantee—*

10                   “(i) *such funds shall remain available*  
11                   *until expended; and*

12                   “(ii) *the Administrator may use such*  
13                   *unused funds to award, in any fiscal year,*  
14                   *another grant under this section to an ap-*  
15                   *plicant who submitted an application under*  
16                   *the initial or any subsequent notice of*  
17                   *availability of funds.”; and*

18           (2) *in subsection (c), by adding at the end the*  
19           *following:*

20           “(3) *BUY AMERICA.*—

21                   “(A) *IN GENERAL.*—*Notwithstanding any*  
22                   *other provision of law, the Secretary of Trans-*  
23                   *portation shall not obligate any funds authorized*  
24                   *to be appropriated to carry out this chapter un-*  
25                   *less the steel, iron, and manufactured products*

1           *used in such project are produced in the United*  
2           *States.*

3           “(B) *EXCEPTIONS.*—*The provisions of sub-*  
4           *paragraph (A) shall not apply if the Secretary*  
5           *finds that—*

6                     “(i) *their application would be incon-*  
7                     *sistent with the public interest;*

8                     “(ii) *such materials and products are*  
9                     *not produced in the United States in suffi-*  
10                    *cient and reasonably available quantities*  
11                    *and of a satisfactory quality; or*

12                    “(iii) *inclusion of domestic material*  
13                    *will increase the cost of the overall project*  
14                    *by more than 25 percent.”.*

15 **SEC. 13508. DOMESTIC MARITIME CENTERS OF EXCEL-**  
16                    **LENCE.**

17           (a) *DESIGNATION AUTHORITY.*—*The Secretary of*  
18           *Transportation is authorized to designate community and*  
19           *technical colleges with a maritime training program and*  
20           *maritime training centers operated by or under the super-*  
21           *vision of a State, if located in the United States along the*  
22           *Gulf of Mexico, Atlantic Ocean, Pacific Ocean, Arctic*  
23           *Ocean, Bering Sea, Gulf of Alaska, or Great Lakes, as cen-*  
24           *ters of excellence for domestic maritime workforce training*  
25           *and education.*

1 (b) ASSISTANCE.—

2 (1) TYPES.—The Secretary may provide to an  
3 entity designated as a center of excellence under sub-  
4 section (a)—

5 (A) technical assistance; and

6 (B) surplus Federal equipment and assets.

7 (2) TECHNICAL ASSISTANCE.—The Secretary  
8 may provide technical assistance under paragraph (1)  
9 to assist an entity designated as a center of excellence  
10 under subsection (a) to expand the capacity of the en-  
11 tity to train the domestic maritime workforce of the  
12 United States, including by—

13 (A) admitting additional students;

14 (B) recruiting and training faculty;

15 (C) expanding facilities;

16 (D) creating new maritime career path-  
17 ways; and

18 (E) awarding students credit for prior expe-  
19 rience, including military service.

20 **SEC. 13509. ACCESS TO SATELLITE COMMUNICATION DE-**  
21 **VICES DURING SEA YEAR PROGRAM.**

22 Section 3514 of the National Defense Authorization  
23 Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
24 ed—

1           (1) *by striking “Not later than” and inserting*  
2           *the following:*

3           “(a) *VESSEL OPERATOR REQUIREMENTS.—Not later*  
4           *than*”; and

5           (2) *by adding at the end the following:*

6           “(b) *SATELLITE PHONE ACCESS.—The Maritime Ad-*  
7           *ministrators shall ensure that each student participating in*  
8           *the Sea Year program is provided or has access to a func-*  
9           *tional satellite communication device. A student may not*  
10           *be denied from using such device whenever the student deter-*  
11           *mines that such use is necessary to prevent or report sexual*  
12           *harassment or assault.”.*

13   **SEC. 13510. ACTIONS TO ADDRESS SEXUAL HARASSMENT,**  
14           **DATING VIOLENCE, DOMESTIC VIOLENCE,**  
15           **SEXUAL ASSAULT, AND STALKING AT THE**  
16           **UNITED STATES MERCHANT MARINE ACAD-**  
17           **EMY.**

18           (a) *REQUIRED POLICY.—Subsection (a) of section*  
19           *51318 of title 46, United States Code, as added by section*  
20           *3510 of the National Defense Authorization Act for Fiscal*  
21           *Year 2017 (Public Law 114–328; 130 Stat. 2782), is*  
22           *amended—*

23           (1) *in paragraph (1), by striking “harassment*  
24           *and sexual assault” and inserting “harassment, dat-*

1 *ing violence, domestic violence, sexual assault, and*  
2 *stalking”;*

3 *(2) in paragraph (2)—*

4 *(A) in the matter preceding subparagraph*  
5 *(A), by striking “harassment and sexual assault”*  
6 *and inserting “harassment, dating violence, do-*  
7 *mestic violence, sexual assault, and stalking”;*

8 *(B) in subparagraph (A), by inserting “do-*  
9 *mestic violence, dating violence, stalking,” after*  
10 *“acquaintance rape,”;*

11 *(C) in subparagraph (B)—*

12 *(i) in the matter preceding clause (i),*  
13 *by striking “harassment or sexual assault,”*  
14 *and inserting “harassment, dating violence,*  
15 *domestic violence, sexual assault, or stalk-*  
16 *ing,”;*

17 *(ii) in clause (i), by striking “harass-*  
18 *ment or sexual assault” and inserting “har-*  
19 *assment, dating violence, domestic violence,*  
20 *sexual assault, or stalking”; and*

21 *(iii) in clause (iii), by striking “crimi-*  
22 *nal sexual assault” and inserting “a crimi-*  
23 *nal sexual offense”;*

24 *(D) in subparagraph (D), by striking “har-*  
25 *assment or sexual assault” and inserting “har-*

1           *assment, dating violence, domestic violence, sex-*  
2           *ual assault, or stalking”;*

3           *(E) in subparagraph (E)—*

4                 *(i) in clause (i), by striking “harass-*  
5                 *ment or sexual assault” and inserting “har-*  
6                 *assment, dating violence, domestic violence,*  
7                 *sexual assault, or stalking”;*

8                 *(ii) in clause (ii), by striking “sexual*  
9                 *assault” and inserting “sexual harassment,*  
10                *dating violence, domestic violence, sexual*  
11                *assault, or stalking”;* and

12                *(iii) in clause (iii), by striking “har-*  
13                *assment and sexual assault” and inserting*  
14                *“harassment, dating violence, domestic vio-*  
15                *lence, sexual assault, or stalking”;* and

16           *(F) in subparagraph (F), by striking “har-*  
17           *assment or sexual assault” and inserting “har-*  
18           *assment, dating violence, domestic violence, sex-*  
19           *ual assault, or stalking”;*

20           *(3) by redesignating paragraphs (3) and (4) as*  
21           *paragraphs (4) and (5), respectively;*

22           *(4) by inserting after paragraph (2) the fol-*  
23           *lowing:*

24                 “(3) *MINIMUM TRAINING REQUIREMENTS FOR*  
25                 *CERTAIN INDIVIDUALS REGARDING SEXUAL HARASS-*

1        *MENT, DATING VIOLENCE, DOMESTIC VIOLENCE, SEX-*  
2        *UAL ASSAULT, AND STALKING.—*

3                “(A) *REQUIREMENT.—The Maritime Ad-*  
4                *ministrator shall direct the Superintendent of*  
5                *the United States Merchant Marine Academy to*  
6                *develop a mandatory training program at the*  
7                *United States Merchant Marine Academy for*  
8                *each individual who is involved in implementing*  
9                *the Academy’s student disciplinary grievance*  
10               *procedures, including each individual who is re-*  
11               *sponsible for—*

12                        “(i) *resolving complaints of reported*  
13                        *sexual harassment, dating violence, domestic*  
14                        *violence, sexual assault, and stalking;*

15                        “(ii) *resolving complaints of reported*  
16                        *violations of the sexual misconduct policy of*  
17                        *the Academy; or*

18                        “(iii) *conducting an interview with a*  
19                        *victim of sexual harassment, dating vio-*  
20                        *lence, domestic violence, sexual assault, or*  
21                        *stalking.*

22                “(B) *CONSULTATION.—The Superintendent*  
23                *shall develop the training program described in*  
24                *subparagraph (A) in consultation with national,*  
25                *State, or local sexual assault, dating violence,*

1           *domestic violence, or stalking victim advocacy,*  
2           *victim services, or prevention organizations.*

3           “(C) *ELEMENTS.*—*The training required by*  
4           *subparagraph (A) shall include the following:*

5                   “(i) *Information on working with and*  
6                   *interviewing persons subjected to sexual*  
7                   *harassment, dating violence, domestic vio-*  
8                   *lence, sexual assault, or stalking.*

9                   “(ii) *Information on particular types*  
10                   *of conduct that would constitute sexual har-*  
11                   *assment, dating violence, domestic violence,*  
12                   *sexual assault, or stalking, regardless of*  
13                   *gender, including same-sex sexual harass-*  
14                   *ment, dating violence, domestic violence,*  
15                   *sexual assault, or stalking.*

16                   “(iii) *Information on consent and the*  
17                   *effect that drugs or alcohol may have on an*  
18                   *individual’s ability to consent.*

19                   “(iv) *Information on the effects of*  
20                   *trauma, including the neurobiology of trau-*  
21                   *ma.*

22                   “(v) *Training regarding the use of*  
23                   *trauma-informed interview techniques,*  
24                   *which means asking questions of an indi-*  
25                   *vidual who has been a victim of sexual har-*

1            *assessment, dating violence, domestic violence,*  
2            *sexual assault, or stalking in a manner that*  
3            *is focused on the experience of the victim,*  
4            *does not judge or blame the victim, and is*  
5            *informed by evidence-based research on the*  
6            *neurobiology of trauma.*

7            “(vi) *Training on cultural awareness*  
8            *regarding how dating violence, domestic vi-*  
9            *olence, sexual assault, or stalking may im-*  
10           *act midshipmen differently depending on*  
11           *their cultural background.*

12           “(vii) *Information on sexual assault*  
13           *dynamics, sexual assault perpetrator behav-*  
14           *ior, and barriers to reporting.*

15           “(D) *IMPLEMENTATION.—*

16           “(i) *DEVELOPMENT AND APPROVAL*  
17           *SCHEDULE.—The training program re-*  
18           *quired by subparagraph (A) shall be devel-*  
19           *oped not later than 90 days after the date*  
20           *of the enactment of the National Defense*  
21           *Authorization Act for Fiscal Year 2018.*

22           “(ii) *COMPLETION OF TRAINING.—*  
23           *Each individual who is required to complete*  
24           *the training described in subparagraph (A)*

1           *shall complete such training not later*  
2           *than—*

3                   “(I) 270 days after enactment of  
4                   *the National Defense Authorization Act*  
5                   *for Fiscal Year 2018; or*

6                   “(II) 180 days after starting a  
7                   *position with responsibilities that in-*  
8                   *clude the activities described clause (i),*  
9                   *(ii), or (iii) of subparagraph (A).”;*  
10                  *and*

11                  *(5) by inserting after paragraph (5), as so redes-*  
12                  *ignated, the following:*

13                   “(6) *CONSISTENCY WITH THE HIGHER EDU-*  
14                   *CATION ACT OF 1965.—The Secretary shall ensure that*  
15                   *the policy developed under this subsection meets the*  
16                   *requirements set out in paragraph (8) of section*  
17                   *485(f) of the Higher Education Act of 1965 (20*  
18                   *U.S.C. 1092(f)(8)).”.*

19                  “(b) *MINIMUM PROCEDURES FOR HANDLING REPORTS*  
20                  *OF SEXUAL HARASSMENT, DATING VIOLENCE, DOMESTIC*  
21                  *VIOLENCE, SEXUAL ASSAULT, OR STALKING.—Subsection*  
22                  *(b) of section 51318 of title 46, United States Code, as added*  
23                  *by section 3510 of the National Defense Authorization Act*  
24                  *for Fiscal Year 2017 (Public Law 114–328; 130 Stat.*  
25                  *2782), is amended to read as follows:*

1       “(b) *DEVELOPMENT PROGRAM.*—

2               “(1) *IN GENERAL.*—*The Maritime Administrator*  
3 *shall ensure that the development program of the*  
4 *Academy includes a section that—*

5                       “(A) *describes the relationship between*  
6 *honor, respect, and character development and*  
7 *the prevention of sexual harassment, dating vio-*  
8 *lence, domestic violence, sexual assault, and*  
9 *stalking at the Academy;*

10                      “(B) *includes a brief history of the problem*  
11 *of sexual harassment, dating violence, domestic*  
12 *violence, sexual assault, and stalking in the mer-*  
13 *chant marine, in the Armed Forces, and at the*  
14 *Academy; and*

15                      “(C) *includes information relating to re-*  
16 *porting sexual harassment, dating violence, do-*  
17 *mestic violence, sexual assault, and stalking, vic-*  
18 *tims’ rights, and dismissal for offenders.*

19               “(2) *MINIMUM REQUIREMENTS TO COMBAT RE-*  
20 *TALIATION.*—

21                      “(A) *REQUIREMENT FOR PLAN.*—*Not later*  
22 *than 90 days after the date of the enactment of*  
23 *the National Defense Authorization Act for Fis-*  
24 *cal Year 2018, the Maritime Administrator shall*  
25 *direct the Superintendent of the United States*

1        *Merchant Marine Academy to implement and*  
2        *maintain a plan to combat retaliation against*  
3        *midshipmen at the United States Merchant Ma-*  
4        *rine Academy who report sexual harassment,*  
5        *dating violence, domestic violence, sexual assault,*  
6        *or stalking.*

7            *“(B) VIOLATION OF CODE OF CONDUCT.—*  
8        *The Superintendent shall consider an act of re-*  
9        *taliation against a midshipman at the Academy*  
10        *who reports sexual harassment, dating violence,*  
11        *domestic violence, sexual assault, or stalking as*  
12        *a Class I violation of the Academy’s Mid-*  
13        *shipman Regulations or equivalent code of con-*  
14        *duct.*

15            *“(C) RETALIATION DEFINITION.—The Su-*  
16        *perintendent shall work with the sexual assault*  
17        *prevention and response staff of the Academy to*  
18        *define ‘retaliation’ for purposes of this sub-*  
19        *section.*

20            *“(3) MINIMUM RESOURCE REQUIREMENTS.—*

21            *“(A) IN GENERAL.—The Maritime Adminis-*  
22        *trator shall ensure the staff at the United States*  
23        *Merchant Marine Academy are provided ade-*  
24        *quate and appropriate sexual harassment, dating*  
25        *violence, domestic violence, sexual assault, and*

1           *stalking prevention and response training mate-*  
2           *rials and resources. Such resources shall include*  
3           *staff as follows:*

4                     “(i) *Sexual assault response coordi-*  
5                     *nator.*

6                     “(ii) *Prevention educator.*

7                     “(iii) *Civil rights officer.*

8                     “(iv) *Staff member to oversee Sea Year.*

9                     “(B) *COMMUNICATION.—The Director of the*  
10            *Office of Civil Rights of the Maritime Adminis-*  
11            *tration shall create and maintain a direct line*  
12            *of communication to the sexual assault response*  
13            *staff of the Academy that is outside of the chain*  
14            *of command of the Academy.*

15                     “(4) *MINIMUM TRAINING REQUIREMENTS.—The*  
16            *Superintendent shall ensure that all cadets receive*  
17            *training on the sexual harassment, dating violence,*  
18            *domestic violence, sexual assault, and stalking preven-*  
19            *tion and response sections of the development pro-*  
20            *gram of the Academy, as described in paragraph (1),*  
21            *as follows:*

22                     “(A) *An initial training session, which*  
23            *shall occur not later than 7 days after a cadet’s*  
24            *initial arrival at the Academy.*

1           “(B) *Additional training sessions, which*  
2           *shall occur biannually following the cadet’s ini-*  
3           *tial training session until the cadet graduates or*  
4           *leaves the Academy.*”.

5           (c) *AGGREGATE REPORTING.*—Section 51318 of title  
6 46, *United States Code, as added by section 3510 of the*  
7 *National Defense Authorization Act for Fiscal Year 2017*  
8 *(Public Law 114–328; 130 Stat. 2782), is amended by add-*  
9 *ing at the end the following:*

10          “(e) *DATA FOR AGGREGATE REPORTING.*—

11           “(1) *IN GENERAL.*—No requirement related to  
12 *confidentiality in this section or section 51319 may*  
13 *be construed to prevent a sexual assault response coor-*  
14 *dinator from providing information for any report*  
15 *required by law regarding sexual harassment, dating*  
16 *violence, domestic violence, sexual assault, or stalking.*

17           “(2) *IDENTITY PROTECTION.*—Any information  
18 *provided for a report referred to in paragraph (1)*  
19 *shall be provided in a manner that protects the iden-*  
20 *tity of the victim or witness.*”.

21           (d) *DEFINITIONS.*—Section 51318 of title 46, *United*  
22 *States Code, as added by section 3510 of the National De-*  
23 *fense Authorization Act for Fiscal Year 2017 (Public Law*  
24 *114–328; 130 Stat. 2782), as amended by subsection (c),*  
25 *is further amended by adding at the end the following:*

1 “(f) *DEFINITIONS.*—*In this section and section 51319:*

2 “(1) *DATING VIOLENCE; DOMESTIC VIOLENCE;*  
3 *STALKING.*—*The terms ‘dating violence’, ‘domestic vi-*  
4 *olence’, and ‘stalking’ have the meanings given those*  
5 *terms in section 40002(a) of the Violence Against*  
6 *Women Act of 1994 (42 U.S.C. 13925(a)).*

7 “(2) *SEXUAL ASSAULT.*—*The term ‘sexual as-*  
8 *sault’ means an offense classified as a forcible or non-*  
9 *forcible sex offense under the uniform crime reporting*  
10 *system of the Federal Bureau of Investigation.”.*

11 (e) *CONFORMING AMENDMENTS.*—

12 (1) *HEADING.*—*Section 51318 of title 46, United*  
13 *States Code, as added by section 3510 of the National*  
14 *Defense Authorization Act for Fiscal Year 2017 (Pub-*  
15 *lic Law 114–328; 130 Stat. 2782), is amended by*  
16 *striking the section heading and inserting the fol-*  
17 *lowing:*

18 **“§51318. Policy on sexual harassment, dating vio-**  
19 **lence, domestic violence, sexual assault,**  
20 **and stalking”.**

21 (2) *TABLE OF SECTIONS AMENDMENT.*—*The table*  
22 *of sections for chapter 513 of title 46, United States*  
23 *Code, as amended by subtitle A of title XXXV of the*  
24 *National Defense Authorization Act for Fiscal Year*  
25 *2017 (Public Law 114–328; 130 Stat. 2774), is*



1           “(A) *experience and a demonstrated ability*  
2           *to effectively provide victim services related to*  
3           *sexual harassment, dating violence, domestic vio-*  
4           *lence, sexual assault, and stalking; and*

5           “(B) *protection of the individual under ap-*  
6           *plicable law to provide privileged communica-*  
7           *tion.*

8           “(3) *CONFIDENTIALITY.—A sexual assault re-*  
9           *sponse coordinator shall, to the extent authorized*  
10           *under applicable law, provide confidential services to*  
11           *a midshipman who reports being a victim of, or wit-*  
12           *ness to, sexual harassment, dating violence, domestic*  
13           *violence, sexual assault, or stalking.*

14           “(4) *TRAINING.—*

15           “(A) *VERIFICATION.—Not later than 90*  
16           *days after the date of the enactment of the Na-*  
17           *tional Defense Authorization Act for Fiscal Year*  
18           *2018, the Maritime Administrator, in consulta-*  
19           *tion with the Director of the Maritime Adminis-*  
20           *tration Office of Civil Rights, shall develop a*  
21           *process to verify that each sexual assault re-*  
22           *sponse coordinator has completed proper train-*  
23           *ing.*

1           “(B) *TRAINING REQUIREMENTS.*—*The*  
2           *training referred to in subparagraph (A) shall*  
3           *include training in—*

4                     “(i) *working with victims of sexual*  
5                     *harassment, dating violence, domestic vio-*  
6                     *lence, sexual assault, and stalking;*

7                     “(ii) *the policies, procedures, and re-*  
8                     *sources of the Academy related to respond-*  
9                     *ing to sexual harassment, dating violence,*  
10                    *domestic violence, sexual assault, and stalk-*  
11                    *ing; and*

12                    “(iii) *national, State, and local victim*  
13                    *services and resources available to victims*  
14                    *of sexual harassment, dating violence, do-*  
15                    *mestic violence, sexual assault, and stalking.*

16           “(C) *COMPLETION OF TRAINING.*—*A sexual*  
17           *assault response coordinator shall complete the*  
18           *training referred to in subparagraphs (A) and*  
19           *(B) not later than—*

20                    “(i) *270 days after enactment of the*  
21                    *National Defense Authorization Act for Fis-*  
22                    *cal Year 2018; or*

23                    “(ii) *180 days after starting in the role*  
24                    *of sexual assault response coordinator.*

1           “(5) *DUTIES.*—*A sexual assault response coordi-*  
2     *nator shall—*

3           “(A) *confidentially receive a report from a*  
4     *victim of sexual harassment, dating violence, do-*  
5     *mestic violence, sexual assault, or stalking;*

6           “(B) *inform the victim of—*

7           “(i) *the victim’s rights under applica-*  
8     *ble law;*

9           “(ii) *options for reporting an incident*  
10    *of sexual harassment, dating violence, do-*  
11    *mestic violence, sexual assault, or stalking*  
12    *to the Academy and law enforcement;*

13          “(iii) *how to access available services,*  
14    *including emergency medical care, medical*  
15    *forensic or evidentiary examinations, legal*  
16    *services, services provided by rape crisis*  
17    *centers and other victim service providers,*  
18    *services provided by the volunteer sexual as-*  
19    *sault victim advocates at the Academy, and*  
20    *crisis intervention counseling and ongoing*  
21    *counseling;*

22          “(iv) *such coordinator’s ability to as-*  
23    *sist in arranging access to such services,*  
24    *with the consent of the victim;*

1           “(v) available accommodations, such as  
2           allowing the victim to change living ar-  
3           rangements and obtain accessibility serv-  
4           ices;

5           “(vi) such coordinator’s ability to as-  
6           sist in arranging such accommodations,  
7           with the consent of the victim;

8           “(vii) the victim’s rights and the Acad-  
9           emy’s responsibilities regarding orders of  
10          protection, no contact orders, restraining  
11          orders, or similar lawful orders issued by  
12          the Academy or a criminal, civil, or tribal  
13          court; and

14          “(viii) privacy limitations under ap-  
15          plicable law;

16          “(C) represent the interests of any mid-  
17          shipmen who reports being a victim of sexual  
18          harassment, dating violence, domestic violence,  
19          sexual assault, or stalking, even if such interests  
20          are in conflict with the interests of the Academy;

21          “(D) advise the victim of, and provide writ-  
22          ten materials regarding, the information de-  
23          scribed in subparagraph (B);

24          “(E) liaise with appropriate staff at the  
25          Academy, with the victim’s consent, to arrange

1           *reasonable accommodations through the Academy*  
2           *to allow the victim to change living arrange-*  
3           *ments, obtain accessibility services, or access*  
4           *other accommodations;*

5           “(F) *maintain the privacy and confiden-*  
6           *tiality of the victim, and shall not notify the*  
7           *Academy or any other authority of the identity*  
8           *of the victim or the alleged circumstances sur-*  
9           *rounding the reported incident unless—*

10           “(i) *otherwise required by applicable*  
11           *law;*

12           “(ii) *requested to do so by the victim*  
13           *who has been fully and accurately informed*  
14           *about what procedures shall occur if the in-*  
15           *formation is shared; or*

16           “(iii) *notwithstanding clause (i) or*  
17           *clause (ii), there is risk of imminent harm*  
18           *to other individuals;*

19           “(G) *assist the victim in contacting and re-*  
20           *porting an incident of sexual harassment, dating*  
21           *violence, domestic violence, sexual assault, or*  
22           *stalking to the Academy or law enforcement, if*  
23           *requested to do so by the victim who has been*  
24           *fully and accurately informed about what proce-*  
25           *dures shall occur if information is shared; and*

1           “(H) submit to the Director of the Maritime  
2           Administration Office of Civil Rights an annual  
3           report summarizing how the resources supplied  
4           to the coordinator were used during the prior  
5           year, including the number of victims assisted by  
6           the coordinator.

7           “(b) OVERSIGHT.—

8           “(1) IN GENERAL.—

9           “(A) REPORTING.—Each sexual assault re-  
10          sponse coordinator shall—

11                 “(i) report directly to the Super-  
12                 intendent; and

13                 “(ii) have concurrent reporting respon-  
14                 sibility to the Executive Director of the  
15                 Maritime Administration on matters re-  
16                 lated to the Maritime Administration and  
17                 the Department of Transportation and  
18                 upon belief that the Academy leadership is  
19                 acting inappropriately regarding sexual as-  
20                 sault prevention and response matters.

21           “(B) SUPPORT.—The Maritime Adminis-  
22          tration Office of Civil Rights shall provide sup-  
23          port to the sexual assault response coordinator at  
24          the Academy on all sexual harassment, dating

1           *violence, domestic violence, sexual assault, or*  
2           *stalking prevention matters.*

3           “(2) *PROHIBITION ON INVESTIGATION BY THE*  
4           *ACADEMY.—Any request by a victim for an accommo-*  
5           *modation, as described in subsection (a)(5)(F), made by*  
6           *a sexual assault response coordinator shall not trigger*  
7           *an investigation by the Academy, even if such coordi-*  
8           *nator deals only with matters relating to sexual har-*  
9           *assment, dating violence, domestic violence, sexual as-*  
10          *sault, or stalking.*

11          “(3) *PROHIBITION ON RETALIATION.—A sexual*  
12          *assault response coordinator, victim advocate, or com-*  
13          *panion may not be disciplined, penalized, or other-*  
14          *wise retaliated against by the Academy for rep-*  
15          *resenting the interests of the victim, even if such in-*  
16          *terests are in conflict with the interests of the Acad-*  
17          *emy.”.*

18          “(b) *ACCESS OF ACADEMY MIDSHIPMEN TO DEPART-*  
19          *MENT OF DEFENSE SAFE HELPLINE.—*

20                 “(1) *IN GENERAL.—The Secretary of Transpor-*  
21                 *tation, acting through the Superintendent of the*  
22                 *United States Merchant Marine Academy, and the*  
23                 *Secretary of Defense shall jointly provide for the ac-*  
24                 *cess to and use of the Department of Defense SAFE*

1 *Helpline by midshipmen at the Merchant Marine*  
2 *Academy.*

3 (2) *TRAINING.*—*The training provided to per-*  
4 *sonnel of the Department of Defense SAFE Helpline*  
5 *shall include training on the resources available to*  
6 *midshipmen at the Merchant Marine Academy in*  
7 *connection with sexual assault, sexual harassment,*  
8 *domestic violence, dating violence, and stalking.*

9 (c) *REPEAL OF DUPLICATE REQUIREMENT.*—*Sub-*  
10 *section (c) of section 51319 of title 46, United States Code,*  
11 *as redesignated by subsection (a)(1)—*

12 (1) *by striking paragraph (5);*

13 (2) *redesignating paragraph (6) as paragraph*  
14 *(5); and*

15 (3) *in paragraph (5), as so redesignated, by*  
16 *striking “(3), (4), and (5)” and inserting “(3) and*  
17 *(4)”.*

18 **SEC. 13512. PROTECTION OF STUDENTS FROM SEXUAL AS-**

19 **SAULT ONBOARD VESSELS.**

20 (a) *IN GENERAL.*—*Chapter 513 of title 46, United*  
21 *States Code, as amended by subtitle A of title XXXV of the*  
22 *National Defense Authorization Act for Fiscal Year 2017*  
23 *(Public Law 114–328), is amended by adding at the end*  
24 *the following new section:*

1 **“§51320. Protection of students from sexual assault**  
2 **onboard vessels**

3 “(a) *PROVISION OF INDIVIDUAL SATELLITE COMMU-*  
4 *UNICATION DEVICES DURING SEA YEAR.*—

5 “(1) *IN GENERAL.*—*The Maritime Administrator*  
6 *shall ensure that each midshipman at the United*  
7 *States Merchant Marine Academy is provided a func-*  
8 *tional satellite communication device during the mid-*  
9 *shipman’s Sea Year.*

10 “(2) *CHECK-IN.*—*Not less often than once each*  
11 *week, each such midshipman shall check-in with des-*  
12 *ignated personnel at the Academy via the mid-*  
13 *shipman’s personal satellite communication device. A*  
14 *text message sent via the midshipman’s personal sat-*  
15 *ellite device shall meet the requirement for a weekly*  
16 *check-in for purposes of this paragraph.*

17 “(b) *RIDING GANGS.*—*The Maritime Administrator*  
18 *shall—*

19 “(1) *require the owner or operator of any com-*  
20 *mercial vessel carrying a midshipman of the Acad-*  
21 *emy to certify their compliance with the International*  
22 *Convention for Safety of Life at Sea, 1974, with*  
23 *annex, done at London November 1, 1974 (32 UST*  
24 *47) and section 8106; and*

25 “(2) *ensure the Academy informs midshipmen*  
26 *preparing for Sea Year of the obligations that vessel*

1 *owners and operators have to provide for the security*  
2 *of individuals aboard a vessel under United States*  
3 *law, including chapter 81 and section 70103(c).*

4 “(c) *CHECKS OF COMMERCIAL VESSELS.*—

5 “(1) *REQUIREMENT.*—*Not less frequently than*  
6 *biennially, the staff of the United States Merchant*  
7 *Marine Academy or the Maritime Administration*  
8 *shall conduct both random and targeted unannounced*  
9 *checks of not less than 10 percent of the commercial*  
10 *vessels that host a midshipman from the Academy.*

11 “(2) *REMOVAL OF STUDENTS.*—*If such staff de-*  
12 *termine that such a commercial vessel is in violation*  
13 *of the sexual assault policy developed by the Academy*  
14 *through such a check, such staff are authorized to re-*  
15 *move any midshipman of the Academy from the vessel*  
16 *and report any such violation to the company that*  
17 *owns the vessel.*

18 “(d) *MAINTENANCE OF SEXUAL ASSAULT TRAINING*  
19 *RECORDS.*—*The Maritime Administrator shall require each*  
20 *company or seafarer union for a commercial vessel to main-*  
21 *tain records of sexual assault training for the crew and pas-*  
22 *sengers of any vessel hosting a midshipman from the Acad-*  
23 *emy.*

24 “(e) *SEA YEAR SURVEY.*—

1           “(1) *REQUIREMENT.*—*The Maritime Adminis-*  
2           *trator shall require each midshipman from the Acad-*  
3           *emy upon completion of the midshipman’s Sea Year*  
4           *to complete a survey regarding the environment and*  
5           *conditions during the Sea Year.*

6           “(2) *AVAILABILITY.*—*The Maritime Adminis-*  
7           *trator shall make available to the public for each*  
8           *year—*

9                   “(A) *the questions used in the survey re-*  
10                  *quired by paragraph (1); and*

11                   “(B) *the aggregated data received from such*  
12                  *surveys.*”.

13           (b) *TABLE OF SECTIONS AMENDMENT.*—*The table of*  
14           *sections for chapter 513 of title 46, United States Code, as*  
15           *amended by subtitle A of title XXXV of the National Defense*  
16           *Authorization Act for Fiscal Year 2017 (Public Law 114–*  
17           *328), is amended by adding at the end the following:*

          “51320. *Protection of students from sexual assault onboard vessels.*”.

18   **SEC. 13513. TRAINING REQUIREMENT FOR SEXUAL AS-**  
19                   **SAULT INVESTIGATORS.**

20           *Each employee of the Office of Inspector General of the*  
21           *Department of Transportation who conducts investigations*  
22           *and who is assigned to the Regional Investigations Office*  
23           *in New York, New York—*

24                   (1) *to participate in specialized training in con-*  
25                  *ducting sexual assault investigations; and*

1           (2) to attend at least 1 Federal Law Enforcement  
2           Training Center (FLETC) sexual assault inves-  
3           tigation course, or equivalent sexual assault investiga-  
4           tion training course, as determined by the Inspector  
5           General, each year.

## 6   **TITLE CXXXI—FUNDING TABLES**

### 7   **SEC. 14001. FUNDING TABLES.**

8           (a) In the funding table in section 4301, in the item  
9           relating to Environmental Restoration, Navy, strike the  
10          amount in the Senate Authorized column and insert  
11          “323,000”.

12          (b) In the funding table in section 4301, in the item  
13          relating to Total Miscellaneous Appropriations, strike the  
14          amount in the Senate Authorized column and insert  
15          “1,494,291”.

16          (c) In the funding table in section 4301, in the item  
17          relating to Fuel Savings, increase the amount of the reduc-  
18          tion indicated in the Senate Authorized column by  
19          \$41,600,000.

### 20   **SEC. 14002. ADDITIONAL FUNDING TABLE MATTERS.**

21          (a) OPERATION AND MAINTENANCE, NAVY RESERVE.—  
22          In the funding table in section 4301, in the item relating  
23          to Operation and Maintenance, Navy Reserve,  
24          Sustainment, Restoration, and Modernization, add  
25          \$5,000,000 to the Senate Authorized column.

1       (b) *OPERATION AND MAINTENANCE, AIR NATIONAL*  
2 *GUARD.*—*In the funding table in section 4301, in the item*  
3 *relating to Operation and Maintenance, Air National*  
4 *Guard, Facilities Sustainment, Restoration and Mod-*  
5 *ernization, add \$20,000,000, to the Senate Authorized col-*  
6 *umn.*

7       (c) *FUEL SAVINGS.*—*In the funding table in section*  
8 *4301, in the item relating to Fuel Savings, increase the*  
9 *amount of the reduction indicated in the Senate Authorized*  
10 *column by \$25,000,000,*

11       (d) *REPORT.*—*Not later than December 31, 2017, the*  
12 *Secretary of Defense shall submit to the congressional de-*  
13 *fense committees a report setting forth a description of the*  
14 *manner in which the Secretary will allocate funds which*  
15 *shall be used by the Air Force and the National Guard to*  
16 *take actions to mitigate identified sources of polyfluoroalkyl*  
17 *substances at sites as a result of surveys conducted by the*  
18 *Armed Forces so as to restore public confidence in potable*  
19 *water which may be affected in such sites.*

20 **SEC. 14003. EXPANSION OF SKILLBRIDGE INITIATIVE TO IN-**  
21 **CLUDE PARTICIPATION BY FEDERAL AGEN-**  
22 **CIES.**

23       (a) *MODIFICATION OF INITIATIVE BY SECRETARY OF*  
24 *DEFENSE.*—*The Secretary of Defense, in consultation with*  
25 *the Director of the Office of Personnel Management, shall*

1 *make such modifications to the SkillBridge initiative of the*  
2 *Department of Defense as the Secretary considers appro-*  
3 *priate to enable Federal agencies to participate in the ini-*  
4 *tiative as employers and trainers, including the provision*  
5 *of training by Federal agencies under the initiative to*  
6 *transitioning members of the Armed Forces.*

7       **(b) PARTICIPATION BY FEDERAL AGENCIES.**—*The Di-*  
8 *rector, in consultation with the Secretary, shall take such*  
9 *actions as may be necessary to ensure that each Federal*  
10 *agency participates in the SkillBridge initiative of the De-*  
11 *partment of Defense as described in subsection (a).*

12       **(c) TRANSITIONING MEMBERS OF THE ARMED FORCES**  
13 **DEFINED.**—*In this section, the term “transitioning member*  
14 *of the Armed Forces” means a member of the Armed Forces*  
15 *who is expected to be discharged or released from active*  
16 *duty in the Armed Forces not more than 180 days after*  
17 *the member commences training under the SkillBridge ini-*  
18 *tiative.*

1 **SEC. 14004. TEMPORARY EXTENSION OF EXTENDED PERIOD**  
2 **OF PROTECTIONS FOR MEMBERS OF UNI-**  
3 **FORMED SERVICES RELATING TO MORT-**  
4 **GAGES, MORTGAGE FORECLOSURE, AND EVIC-**  
5 **TION.**

6 *Section 710(d) of the Honoring America's Veterans*  
7 *and Caring for Camp Lejeune Families Act of 2012 (Public*  
8 *Law 112–154; 50 U.S.C. 3953 note) is amended—*

9 *(1) in paragraph (1), by striking “December 31,*  
10 *2017” and inserting “December 31, 2019”; and*

11 *(2) in paragraph (3), by striking “January 1,*  
12 *2018” and inserting “January 1, 2020”.*

13 **SEC. 14005. REPORT ON COMPLIANCE WITH RUNWAY CLEAR**  
14 **ZONE REQUIREMENTS.**

15 *(a) IN GENERAL.—Not later than 270 days after the*  
16 *date of the enactment of this Act, the Secretary of Defense,*  
17 *in consultation with the Service secretaries, shall submit*  
18 *to the congressional defense committees a report on Service*  
19 *compliance with Department of Defense and relevant Serv-*  
20 *ice policies regarding Department of Defense runway clear*  
21 *zones.*

22 *(b) ELEMENTS.—The report required under subsection*  
23 *(a) shall include the following elements:*

24 *(1) A listing of all Department of Defense run-*  
25 *way clear zones in the United States that are not in*  
26 *compliance with Department of Defense and relevant*

1        *Service policies regarding Department of Defense run-*  
2        *way clear zones.*

3            (2) *A plan for bringing all Department of De-*  
4        *fense runway clear zones in full compliance with these*  
5        *policies, including a description of the resources re-*  
6        *quired to bring these clear zones into policy compli-*  
7        *ance, and for providing restitution for property own-*  
8        *ers.*

9        **SEC. 14006. LIMITATION ON CANCELLATION OF DESIGNA-**  
10            **TION OF SECRETARY OF THE AIR FORCE AS**  
11            **DEPARTMENT OF DEFENSE EXECUTIVE**  
12            **AGENT FOR A CERTAIN DEFENSE PRODUC-**  
13            **TION ACT PROGRAM.**

14        (a) *LIMITATION ON CANCELLATION OF DESIGNA-*  
15        *TION.—The Secretary of Defense may not implement the de-*  
16        *cision, issued on July 1, 2017, to cancel the designation,*  
17        *under Department of Defense Directive 4400.1E, entitled*  
18        *“Defense Production Act Programs” and dated October 12,*  
19        *2001, of the Secretary of the Air Force as the Department*  
20        *of Defense Executive Agent for the program carried out*  
21        *under title III of the Defense Production Act of 1950 (50*  
22        *U.S.C. 4531 et seq.) until the date specified in subsection*  
23        *(c).*

24        (b) *DESIGNATION.—The Secretary of the Air Force*  
25        *shall continue to serve as the Department of Defense Execu-*

1 *tive Agent for the program described in subsection (a) until*  
2 *the date specified in subsection (c).*

3 (c) *DATE SPECIFIED.*—*The date specified in this sub-*  
4 *section is the earlier of—*

5 (1) *the date that is two years after the date of*  
6 *the enactment of this Act; or*

7 (2) *the date of the enactment of a joint resolution*  
8 *or an Act approving the implementation of the deci-*  
9 *sion described in subsection (a).*

10 **SEC. 14007. REPORT ON THE NATIONAL BIODEFENSE ANAL-**  
11 **YSIS AND COUNTERMEASURES CENTER**  
12 **(NBACC) AND LIMITATION ON USE OF FUNDS.**

13 (a) *REPORT.*—*Not later than December 31, 2017, the*  
14 *Secretary of Homeland Security and the Secretary of De-*  
15 *fense shall jointly submit to the appropriate Congressional*  
16 *committees a report, prepared in consultation with the offi-*  
17 *cial listed in subsection (b), on the National Biodefense*  
18 *Analysis and Countermeasures Center (referred to in this*  
19 *section as the “NBACC”) containing the following informa-*  
20 *tion:*

21 (1) *The functions of the NBACC.*

22 (2) *The end users of the NBACC, including end*  
23 *users whose assets may be managed by other agencies.*

24 (3) *The cost and mission impact for each user*  
25 *identified under paragraph (2) of any potential clo-*

1       *sure of the NBACC, including an analysis of the func-*  
2       *tions of the NBACC that cannot be replicated by other*  
3       *departments and agencies of the Federal Government.*

4             (4) *In the case of closure of the NBACC, a tran-*  
5       *sition plan for any essential functions currently per-*  
6       *formed by the NBACC to ensure mission continuity,*  
7       *including the storage of samples needed for ongoing*  
8       *criminal cases.*

9       (b) *CONSULTATION.*—*The officials listed in this sub-*  
10      *section are the following:*

11             (1) *The Director of the Federal Bureau of Inves-*  
12      *tigation.*

13             (2) *The Attorney General.*

14             (3) *The Director of National Intelligence.*

15             (4) *As determined by the Secretary of Homeland*  
16      *Security, the leaders of other offices that utilize the*  
17      *NBACC.*

18       (c) *FORM.*—*The report submitted under subsection (a)*  
19      *shall be submitted in unclassified form, but may contain*  
20      *a classified annex.*

21       (d) *APPROPRIATE CONGRESSIONAL COMMITTEES DE-*  
22      *FINED.*—*For purposes of this section, the term “appropriate*  
23      *Congressional Committees” means—*

24             (1) *the Committee on Appropriations of the Sen-*  
25      *ate;*

1           (2) *the Committee on Appropriations of the*  
2 *House of Representatives;*

3           (3) *the Committee on Armed Services of the Sen-*  
4 *ate;*

5           (4) *the Committee on Armed Services of the*  
6 *House of Representatives;*

7           (5) *the Committee on Homeland Security and*  
8 *Governmental Affairs of the Senate;*

9           (6) *the Committee on Homeland Security of the*  
10 *House of Representatives;*

11           (7) *the Committee on Judiciary of the Senate;*

12           (8) *the Committee on the Judiciary of the House*  
13 *of Representatives;*

14           (9) *the Committee on Oversight and Government*  
15 *Reform of the House of Representatives;*

16           (10) *the Select Committee on Intelligence of the*  
17 *Senate; and*

18           (11) *the Permanent Select Committee on Intel-*  
19 *ligence of the House of Representatives.*

20       (e) *TRANSITION PERIOD.—The report submitted under*  
21 *subsection (a) shall include a transition adjustment period*  
22 *of not less than 1 year after the date of enactment of this*  
23 *Act, or 180 days after the date on which the report required*  
24 *in under this section is submitted to Congress, whichever*  
25 *is later, during which none of the funds authorized to be*

1 *appropriated under this Act or any other Act may be used*  
2 *to support the closure, transfer, or other diminishment of*  
3 *the NBACC or its functions.*

4 **SEC. 14008. BUY AMERICAN ACT TRAINING FOR DEFENSE**  
5 **ACQUISITION WORKFORCE.**

6 (a) *FINDING.*—*Congress finds that the Inspector Gen-*  
7 *eral of the Department of Defense has issued a series of re-*  
8 *ports finding deficiencies in the adherence to the provisions*  
9 *of the Buy American Act and recommending improvements*  
10 *in training for the Defense acquisition workforce.*

11 (b) *REPORT.*—

12 (1) *IN GENERAL.*—*Not later than one year after*  
13 *the date of the enactment of this Act, the Comptroller*  
14 *General of the United States shall submit to the con-*  
15 *gressional defense committees a report evaluating Buy*  
16 *American training policies for the Defense acquisition*  
17 *workforce.*

18 (2) *ELEMENTS.*—*The report shall include the fol-*  
19 *lowing elements:*

20 (A) *A summary and assessment of man-*  
21 *dated training courses for Department of Defense*  
22 *acquisition personnel responsible for procuring*  
23 *items that are subject to the Berry Amendment*  
24 *and Buy American Act.*

1                   (B) *Options for alternative training models*  
2                   *for contracting personnel on Buy American and*  
3                   *Berry Amendment requirements.*

4 **SEC. 14009.**

5                   *In the funding table in section 4301, in the item*  
6                   *relating to Environmental Restoration, Air Force, in-*  
7                   *crease the amount in the Senate Authorized column*  
8                   *by \$20,000,000.*

9                   *In the funding table in section 4301, in the item*  
10                   *relating to Subtotal Environmental Restoration, Air*  
11                   *Force, increase the amount in the Senate Authorized*  
12                   *column by \$20,000,000.*

13                   *In the funding table in section 4301, in the item*  
14                   *relating to Total Miscellaneous Appropriations, in-*  
15                   *crease the amount in the Senate Authorized column*  
16                   *by \$20,000,000.*

17                   *In the funding table in section 4301, in the item*  
18                   *relating to Undistributed, Line number 999, reduce*  
19                   *the amount in the Senate Authorized column by*  
20                   *\$20,000,000.*

21                   *In the funding table in section 4301, in the item*  
22                   *relating to Fuel Savings, increase the amount of the*  
23                   *reduction indicated in the Senate Authorized column*  
24                   *by \$20,000,000.*

1            *In the funding table in section 4301, in the item*  
2            *relating to Subtotal Undistributed, reduce the amount*  
3            *in the Senate Authorized column by \$20,000,000.*

4            *In the funding table in section 4301, in the item*  
5            *relating to Total Undistributed, reduce the amount in*  
6            *the Senate Authorized column by \$20,000,000.*

7    **SEC. 14010. RECOGNITION OF THE NATIONAL MUSEUM OF**  
8            **WORLD WAR II AVIATION.**

9            *(a) RECOGNITION.—The National Museum of World*  
10          *War II Aviation in Colorado Springs, Colorado, is recog-*  
11          *nized as America’s National World War II Aviation Mu-*  
12          *seum.*

13          *(b) EFFECT OF RECOGNITION.—The National Museum*  
14          *recognized by this section is not a unit of the National Park*  
15          *System, and the recognition of the National Museum shall*  
16          *not be construed to require or permit Federal funds to be*  
17          *expended for any purpose related to the National Museum.*

18    **SEC. 14011. INCREASED TERM LIMIT FOR INTERGOVERN-**  
19            **MENTAL SUPPORT AGREEMENTS TO PROVIDE**  
20            **INSTALLATION SUPPORT SERVICES.**

21          *Section 2679(a)(2)(A) of title 10, United States Code,*  
22          *is amended by striking “five years” and inserting “ten*  
23          *years.”*

1 **SEC. 14012. REPORT ON UTILIZATION OF SMALL BUSI-**  
2 **NESSES FOR FEDERAL CONTRACTS.**

3 (a) *FINDINGS.*—Congress finds that—

4 (1) *since the passage of the Budget Control Act*  
5 *of 2011 (Public Law 112–25; 125 Stat. 240), many*  
6 *Federal agencies have started favoring longer-term*  
7 *Federal contracts, including multiple award con-*  
8 *tracts, over direct individual awards;*

9 (2) *these multiple award contracts have grown to*  
10 *more than one-fifth of Federal contract spending, with*  
11 *the fastest growing multiple award contracts sur-*  
12 *passing \$100,000,000 in obligations for the first time*  
13 *between 2013 and 2014;*

14 (3) *in fiscal year 2017, 17 of the 20 largest Fed-*  
15 *eral contract opportunities are multiple award con-*  
16 *tracts;*

17 (4) *while Federal agencies may choose to use any*  
18 *or all of the various socio-economic groups on a mul-*  
19 *tipl award contract, the Small Business Administra-*  
20 *tion only examines socio-economic performance*  
21 *through the small business procurement scorecard and*  
22 *does not examine potential opportunities by those*  
23 *groups; and*

24 (5) *Congress and the Department of Justice have*  
25 *been clear that no individual socio-economic group*  
26 *shall be given preference over another.*

1       **(b) DEFINITIONS.**—*In this section—*

2               (1) *the term “Administrator” means the Admin-*  
3 *istrator of the Small Business Administration;*

4               (2) *the term “covered small business concerns”*  
5 *means—*

6                       (A) *HUBZone small business concerns;*

7                       (B) *small business concerns owned and con-*  
8 *trolled by service-disabled veterans;*

9                       (C) *small business concerns owned and con-*  
10 *trolled by women; and*

11                      (D) *socially and economically disadvan-*  
12 *tagged small business concerns, as defined in sec-*  
13 *tion 8(a)(4)(A) of the Small Business Act (15*  
14 *U.S.C. 637(a)(4)(A)), receiving assistance under*  
15 *such section 8(a); and*

16               (3) *the terms “HUBZone small business con-*  
17 *cern”, “small business concern”, “small business con-*  
18 *cern owned and controlled by service-disabled vet-*  
19 *erans”, and “small business concern owned and con-*  
20 *trolled by women” have the meanings given those*  
21 *terms in section 3 of the Small Business Act (15*  
22 *U.S.C. 632).*

23       **(c) REPORT.**—

24               (1) *IN GENERAL.*—*Not later than 180 days after*  
25 *the date of enactment of this Act, the Administrator*

1     *shall submit to the Committee on Small Business and*  
2     *Entrepreneurship of the Senate and the Committee on*  
3     *Small Business of the House of Representatives a re-*  
4     *port that includes—*

5             *(A) a determination as to whether small*  
6             *business concerns and each category of covered*  
7             *small business concerns described in subpara-*  
8             *graphs (A) through (D) of subsection (b)(2) are*  
9             *being utilized in a significant portion of the*  
10            *Federal market on multiple award contracts, in-*  
11            *cluding—*

12                     *(i) whether awards are being reserved*  
13                     *for 1 or more of those categories; and*

14                     *(ii) whether each such category is being*  
15                     *given the opportunity to perform on mul-*  
16                     *tiple award contracts;*

17             *(B) a determination as to whether perform-*  
18             *ance requirements for multiple award contracts,*  
19             *as in effect on the day before the date of enact-*  
20             *ment of this Act, are feasible and appropriate for*  
21             *small business concerns; and*

22             *(C) any additional information as the Ad-*  
23             *ministrator may determine necessary.*

24             *(2) REQUIREMENT.—In making the determina-*  
25             *tions required under paragraph (1), the Adminis-*

1        *trator shall use information from multiple award*  
2        *contracts—*

3                *(A) with varied assigned North American*  
4                *Industry Classification System codes; and*

5                *(B) that were awarded by not less than 8*  
6                *Federal agencies.*

7        **SEC. 14013. VENUE FOR PROSECUTION OF MARITIME DRUG**  
8                **TRAFFICKING.**

9        *(a) IN GENERAL.—Section 70504(b) of title 46, United*  
10        *States Code, is amended to read as follows:*

11        *“(b) VENUE.—A person violating section 70503 or*  
12        *70508—*

13                *“(1) shall be tried in the district in which such*  
14        *offense was committed; or*

15                *“(2) if the offense was begun or committed upon*  
16        *the high seas, or elsewhere outside the jurisdiction of*  
17        *any particular State or district, may be tried in any*  
18        *district.”.*

19        *(b) CONFORMING AMENDMENT.—Section 1009(d) of*  
20        *the Controlled Substances Import and Export Act (21*  
21        *U.S.C. 959(d)) is amended—*

22                *(1) in the subsection title, by striking “;*  
23        *VENUE”;* and

24                *(2) by striking “Any person who violates this*  
25        *section shall be tried in the United States district*

1       *court at the point of entry where such person enters*  
2       *the United States, or in the United States District*  
3       *Court for the District of Columbia.”.*

4   **SEC. 14014. SENSE OF CONGRESS ON FIRE PROTECTION IN**  
5                   **DEPARTMENT OF DEFENSE FACILITIES.**

6       *It is the sense of Congress that—*

7               (1) *portable fire extinguishers are essential to the*  
8       *safety of members of the Armed Forces and their fam-*  
9       *ilies;*

10              (2) *the current United Facilities Criteria could*  
11       *be updated to ensure it provides members of the*  
12       *Armed Forces, their families, and other Department*  
13       *of Defense personnel with the most modern fire protec-*  
14       *tion standards that are met by their civilian counter-*  
15       *parts, including requiring portable fire extinguishers*  
16       *on military installations;*

17              (3) *United Facilities Criteria 3–600–01, Section*  
18       *4–9, dated September 26, 2006, addresses the national*  
19       *and international standards for fire safety and De-*  
20       *partment of Defense Facilities; and*

21              (4) *the Secretary of Defense should consider*  
22       *amending the current United Facilities Criteria Sec-*  
23       *tion 9–17.1 to address the standards outlined by*  
24       *United Facilities Criteria 3–600–01, Section 4–9,*  
25       *dated September 26, 2006.*

1 **SEC. 14015.**

2           *In the funding table in section 4101, in the item*  
3 *relating to Littoral Combat Ship, increase the*  
4 *amount in the Senate Authorized column by*  
5 *\$600,000,000.*

6           *In line 999 of the funding table in section 4301,*  
7 *in the item relating to Fuel Savings, increase the re-*  
8 *duction by \$600,000,000.*

Attest:

*Secretary.*



115<sup>TH</sup> CONGRESS  
1<sup>ST</sup> SESSION

**H.R. 2810**

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**AMENDMENT**

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SEPTEMBER 18, 2017

Ordered to be printed as passed